



State of Alaska
Department of Transportation & Public Facilities

2020-2023
Statewide Transportation
Improvement Program (STIP)

Approved July 8, 2021

Amendment 2
and Incorporated Administrative Modifications



“Keep Alaska Moving through service and infrastructure.”

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How to Reach Us

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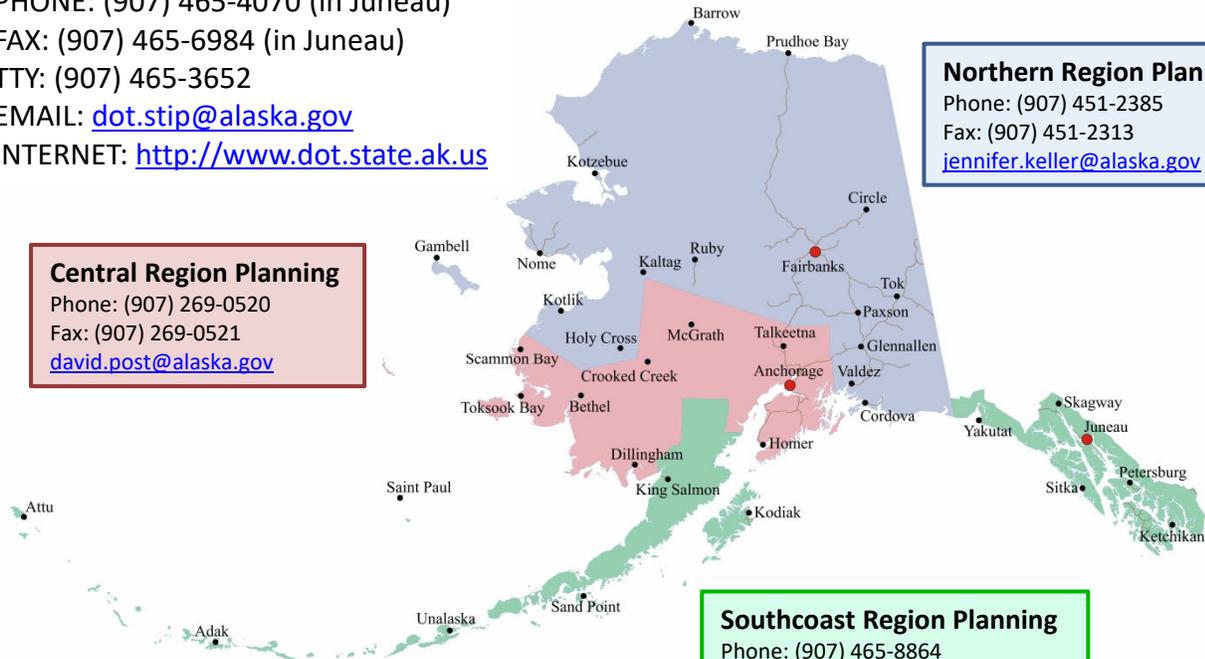
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July 8, 2021

John MacKinnon, Commissioner
Alaska Department of Transportation and Public Facilities
PO Box 112500
3132 Channel Drive
Juneau, AK 99811

Dear Mr. MacKinnon:

We received your transmittal of June 25, 2021 requesting approval of Amendment 2 to the 2020 – 2023 Statewide Transportation Improvement Program (STIP). Amendment 2 addresses scope, schedule, and funding issues on various projects around the state. The project changes do not require an air quality conformity determination, and the STIP remains fiscally constrained. The certifications required by 23 CFR 450.218 were included.

Based on our review, Amendment 2 of the 2020 – 2023 STIP is approved.

If you have any questions, please contact Julie Jenkins, FHWA Finance Manager at (907) 586-7476, or Mr. Ned Conroy, FTA Community Planner at (206) 220-4318.

Sincerely,

Sandra A. Garcia-Aline
Division Administrator
Federal Highway Administration

Linda M. Gehrke
Regional Administrator
Federal Transit Administration

ecc: Ben White, Director Program Development, DOT&PF
Maren Brantner, STIP Manager, Headquarters DOT&PF
Ned Conroy, Community Planner, FTA
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Julie Jenkins, Finance Manager, FHWA
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Todd VanHove, Planning Chief, Central Region, DOT&PF



THE STATE
of **ALASKA**
GOVERNOR MIKE DUNLEAVY

Department of Transportation and Public Facilities

OFFICE OF THE COMMISSIONER
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June 25, 2021

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Linda Gehrke, Regional Administrator
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Dear Ms. Garcia-Aline and Ms. Gehrke:

Enclosed for your review and endorsement is Amendment 2 to the 2020-2023 Alaska Statewide Transportation Improvement Program (STIP). This STIP was developed in compliance with Title 23 - Section 135 and the state planning regulations (17 AAC 05.195).

Amendment 2 addresses scope, funding, and scheduling issues on various projects around the state. It includes a statement of the state funds budgeted to adequately operate and maintain the surface transportation system. None of these projects will require an update of the air quality non-attainment conformity analysis. In developing the final draft, we took into consideration all the comments we received during the public review. The comments will be available on the Department's STIP webpage. Enclosed please find a fiscal summary and a detailed funding plan. More information can be found on the Alaska DOT&PF STIP website at www.dot.alaska.gov/stip.

As specified in 23 CFR §450.218, the State certifies that the transportation planning process is being carried out in accordance with all applicable requirements of:

- (1) 23 U.S.C. 134 and 135, 49 U.S.C. 5303 and 5304, and this part;
- (2) Title VI of the Civil Rights Act of 1964, as amended (42 U.S.C. 2000d- 1) and 49 CFR part 21;
- (3) 49 U.S.C. 5332, prohibiting discrimination on the basis of race, color, creed, national origin, sex, or age in employment or business opportunity;
- (4) Section 1101(b) of the SAFETEA- LV (Pub. L. 109-59) and 49 CFR part 26 regarding the involvement of disadvantaged business enterprises in USDOT funded projects;
- (5) 23 CFR part 230, regarding implementation of an equal employment opportunity program on Federal and Federal-aid highway construction contracts;

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- (6) The provisions of the Americans with Disabilities Act of 1990 (42 U.S.C. 12101 et seq.) and 49 CFR parts 27, 37, and 38;
- (7) Sections 174 and 176 (c) and (d) of the Clean Air Act, as amended (42 U.S.C. 7504, 7506 (c) and (d)) and 40 CFR part 93;
- (8) The Older Americans Act, as amended (42 U.S.C. 6101), prohibiting discrimination on the basis of age in programs or activities receiving Federal financial assistance;
- (9) Section 324 of title 23 U.S.C., regarding the prohibition of discrimination based on gender; and,
- (10) Section 504 of the Rehabilitation Act of 1973 (29 U.S.C. 794) and 49 CFR part 27 regarding discrimination against individuals with disabilities.

We request your approval of Amendment 2 to the 2020-2023 Alaska STIP.

Sincerely,



John MacKinnon,
Commissioner

Enclosures

cc: Maren Brantner, STIP Manager, DOT&PF
Amy Changchien, Director, Office of Planning and Program Development, FTA
Judy Chapman, Planning Chief, Northern Region, DOT&PF
Ned Conroy, Community Planner, FTA
Julie Jenkins, Acting Statewide Programs Team Leader, FHWA
James Marks, Division Operations Manager, DOT&PF
Marie Heidemann, Planning Chief, Southcoast Region, DOT&PF
Todd VanHove, Planning Chief, Central Region, DOT&PF
Ben White, Director, Program Development, DOT&PF

2020-2023 Alaska Statewide Transportation Improvement Program

Alaska Department of Transportation & Public Facilities

Division of Program Development and Statewide Planning

Introduction to the STIP

The Alaska Statewide Transportation Improvement Program (STIP) is the state's four-year program for transportation system preservation and development. Federal statutes (23 USC 135) require that in order to use federal transportation funding, the state must develop a STIP. The STIP must cover all surface transportation improvements for which partial or full federal funding is approved and that are expected to take place during the four-year duration of the STIP. Alaska's surface transportation program is mostly driven by federal funds and requirements. It includes: interstate, state and some local highways, bridges, ferries, and public transportation.

There are many projects that are not required to be in the STIP. The STIP does not include aviation projects because Federal Aviation Administration (FAA) has its own similar system of project evaluation and funds distribution. Ports and harbors projects are not included in the STIP since financial assistance for ports and harbors is provided through the state-funded Municipal Harbor Facility Grant Program. Also, it is not required for the STIP to include wholly state-funded projects, or other projects that do not require action from the U.S. Department of Transportation.

Overview

This document is the 2020-2023 STIP. It meets the requirements of Title 23 United States Code, Title 23 Code of Federal Regulations, and Title 17 of the Alaska Administrative Code. It is fiscally constrained based upon reasonably expected funding. Staff reviews projects in the STIP for consistency with local land-use and transportation plans, as well as with applicable state policies and plans including the Statewide Long Range Transportation Plan (SLRTP), the Highway Safety Improvement Plan (HSIP), the Alaska Statewide Active Transportation Plan, including regional transportation plans and others.

Projects in the STIP are consistent with, and implement, the policies of the SLRTP *Let's Keep Moving 2036: Policy Plan*. Following a risk-based analytical approach, the plan articulates policies for new facilities, modernization, system preservation, system management and operations, economic development, safety and security, livability, community and environment, and transportation system performance. It identifies action steps for each of the policy areas and identifies transportation performance measures. Plan documents include a Policy Plan, a Trends and System Analysis, and a Freight Element. The SLRTP is available on the DOT&PF website at <http://dot.alaska.gov/stwdplng/areaplans/>.

The STIP is consistent with other planning efforts including: DOT&PF's HSIP, approved regional transportation plans (components of the SLRTP), Transportation Improvement Programs (TIPs) prepared by Metropolitan

Planning Organizations (MPO) in both Anchorage and Fairbanks, municipal comprehensive plans, and tribal transportation plans. The STIP also reflects the goals of the state administration to support economic development, and seeks opportunities to link resource-rich areas to the state's highway, port, and rail systems.

STIP Revisions

STIP projects do not always proceed on schedule, so in order to maximize the state's ability to use its federal spending authority, projects not ready to advance at a critical time may yield their place in the schedule to other projects that are ready to go. Such changes require amendments to the STIP using procedures established in state and federal law and, except for minor or administrative changes, require a public notice and comment period. All revisions to the STIP have specific approval, review, and public notice requirements; all of which are reviewed, tracked, and approved by Alaska DOT&PF, Federal Highway Administration (FHWA), and Federal Transit Administration (FTA). There are three main types of STIP revisions: an amendment, an administrative modification, and an incorporation by reference.

Amendment (AMD): An amendment is a formal, publically noticed revision of the STIP required when making certain types of changes. Amendments are not complete until they are approved by FHWA and FTA. The department provides notice of a proposed amendment by publication of a notice in a newspaper of general circulation and by written notice informing MPO's, tribes, and others affected by the amendment. The notice describes the amendment and the effect of the amendment on the STIP, solicits comments, and provides for a comment period of 30 days following publication of the notice. An amendment is required when adding or removing a project from the STIP, when making changes to a project that have a significant increase or decrease in funding amount, a major change in fund scheduling, when adding a phase to a project, or when making major changes to the description and/or title of a project.

Administrative Modification (AM): An administrative modification is an informal revision of the STIP where the changes are minor and public notification is not required. An administrative modification may not affect fiscal constraint. Administrative modifications do not require FHWA or FTA approval.

Incorporation by Reference (INC): Transportation Improvement Programs (TIPs) are incorporated into the STIP by reference. Typically, the STIP will incorporate TIPs from MPOs, (see "Metropolitan Areas" below) and Federal agencies such as Western Federal Lands (WFL), and the Bureau of Indian Affairs (BIA).

Public Involvement

Federal regulation, state regulation, state statute, and department policies and procedures govern public involvement in the transportation planning process. These laws and procedures guide the consultation and coordination required with tribes, MPO's, other (non-MPO) municipalities, and communities. DOT&PF solicits and evaluates public involvement during the project nomination period, during the public review period of the Draft STIP,

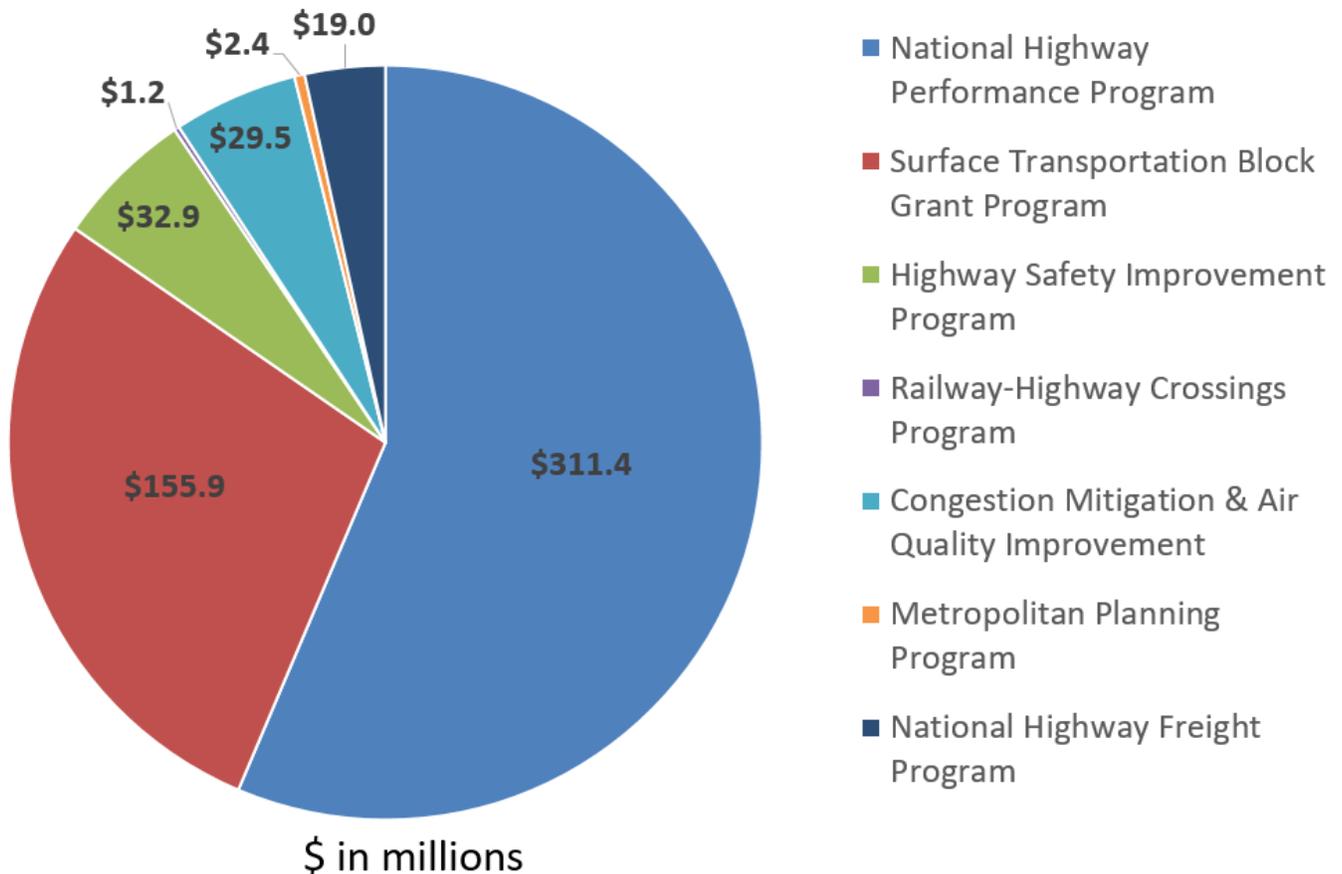
and when amending an approved STIP. Interested parties may submit comments via the internet at www.dot.alaska.gov/stip or to the planners in Anchorage, Fairbanks, or Juneau. A Regional Area Planner map can be found at the STIP website.

The department updates the STIP website often, making it the best place to check the dates for online meetings and public comment opportunities. <http://www.dot.alaska.gov/stip>.

Fixing America’s Surface Transportation (FAST) Act

On December 4, 2015, President Obama signed the Fixing America’s Surface Transportation (FAST) Act (Pub. L. No. 114-94) into law – the first federal law in over a decade to provide long-term funding certainty for surface transportation infrastructure planning and investment. The FAST Act authorizes \$305 billion over federal fiscal years 2016 through 2020 for highway, highway and motor vehicle safety, public transportation, motor carrier safety, hazardous materials safety, rail, research, technology, and statistics programs. As this STIP includes years beyond the Fast Act, it is assumed that available funding will continue to increase at a rate of 2% annually beyond the FAST Act years.

FFY20 FAST Act Funding for Alaska



The FAST Act maintains performance-based multimodal programs and reforms established under the Moving Ahead for Progress in the 21st Century (MAP-21) Act by focusing on safety, maintaining infrastructure condition, reducing traffic congestion, improving efficiency of the system and freight movement, protecting the environment, reducing delays in project delivery and, for the first time, providing a dedicated source of funding for freight projects.

The FAST Act provides for a predictable, long-term funding certainty for surface transportation infrastructure planning and investment through core formula programs such as:

- National Highway Performance Program (NHPP),
- Surface Transportation Block Grant Program (STBGP),
- Congestion Mitigation and Air Quality Improvement Program (CMAQ),
- Highway Safety Improvement Program (HSIP),
- Railway-Highway Crossings (set-aside from HSIP),
- Metropolitan Planning,
- National Highway Freight Program (NHFP), and the
- Ferry Boat Formula Program.

For more detailed information regarding the FAST Act, please visit the web site: <http://www.fhwa.dot.gov/fastact/>

Other Project Categories

Highway and Transit Maintenance and Operations (M&O) - After a project is completed and opened to public use, it is included in the department's routine maintenance schedule. Federal planning regulations require the STIP demonstrate that appropriate funds are available to adequately maintain and operate the surface transportation system as a whole. Most of the funds used to pay for maintenance and operations are state funds in the annual state operating budget.

Maintenance and operation forces are organized geographically into regions, with field offices in Fairbanks, Anchorage, and Juneau. The field offices manage highway maintenance stations distributed along the highway system and at key airports. Each region is staffed to adequately operate and maintain Alaska's highways. Maintenance is the responsibility of the state or local agencies that own and operate the roads and typically is not eligible for federal funding assistance, although certain types of preventive maintenance activities are eligible for federal funding.

Maintenance and operation responsibilities include all the activities to keep our state highways, bridges, airports, buildings, and harbors in good condition and safe for the traveling public. These include pavement repair, snowplowing, snow hauling, brush cutting, guardrail repair, sign maintenance, street/traffic light repair, drainage structures, fence maintenance, airport light repair, airport safety, security, and facility repairs.

Metropolitan Planning Organizations (MPOs) - Federal regulation requires that each state transportation department develop a STIP for all areas of the state outside of MPOs. For metropolitan areas, the MPOs develop their own TIPs, which are approved by the Governor or his/her delegate and are incorporated by reference into the STIP. Alaska has two MPOs: Anchorage Metropolitan Area Transportation Solutions (AMATS), and Fairbanks Area Surface Transportation (FAST). Each TIP and all amendments are incorporated by reference into the STIP and are linked to the STIP website at www.dot.alaska.gov/stip.

Public and Human Service Transportation (Transit) projects in the STIP - The Federal Transit Administration (FTA) administers several public and human services transportation grant programs that provide financial assistance to develop new transit systems and to improve, maintain, and operate existing systems. Like highway federal-aid programs, each public transportation program has different requirements intended to meet specific needs as determined by Congress. While some funds flow directly from FTA to designated recipients with the legal authority to receive and dispense federal funds, such as cities, towns, regional governments, Alaska railroad, or transit authorities, DOT&PF administers many of the grant programs in Alaska according to the specific requirements of each.

EPA Air Quality Issues and Congestion Mitigation and Air Quality (CMAQ) Projects

Alaska has air quality nonattainment areas and maintenance areas. “Nonattainment” areas are those areas that fall below air quality standards. “Maintenance areas” are those that now meet air quality standards, but need funds to maintain the improvements and programs that brought their air quality up to acceptable standards.

- Portions of Anchorage and the Fairbanks North Star Borough are classified as maintenance areas for carbon monoxide (CO).
- Juneau’s Mendenhall Valley and portions of Eagle River are currently classified as coarse particulate matter (PM-10) maintenance areas.
- A portion of the Fairbanks North Star Borough has been classified as a nonattainment area for fine particulate matter (PM-2.5).

While the air quality of Alaska cities has improved dramatically for CO and PM-10 since the early 1980s, Anchorage, Fairbanks, and Juneau are required to continue to measure air quality impacts of transportation projects under the federal Clean Air Act. These communities, with assistance from the Alaska Department of Environmental Conservation (ADEC), must periodically prepare updates to the State Implementation Plan (SIP) that demonstrates maintenance of CO and PM air quality standards.

The Clean Air Act prohibits federal actions that could cause new air quality violations or otherwise jeopardize attainment of air quality standards. This policy requires a review of all planned transportation projects in Alaska’s nonattainment and maintenance areas to ensure they will not lead to decreased air quality. This analysis, known

as “transportation conformity,” requires a demonstration that highway and transit projects are consistent with the most recently approved maintenance SIP emissions budget for CO and/or PM, now and in the future.

Metropolitan Transportation Plans (MTP) and TIP projects proposed for construction within air quality nonattainment and maintenance areas must undergo regional and project-level analysis to make sure they conform to the SIP. Regional analysis looks at the combined emission impacts of all projects in an area for each year within the TIP timeframe, an approximately twenty-year period. The regional analysis must consider all transportation projects, regardless of funding source. Project-level analysis looks at the emission impacts at the project location to ensure no new localized “hot-spot” violations of the air quality standards will result.

Air Quality Emission Caps - In nonattainment and maintenance areas air quality emission budgets are required as part of approved SIPs for communities. These approved conformity caps or air emission “budgets” cannot be exceeded in future years. Conformity is a requirement where the TIPS and MTPs are shown to not exceed the emission budgets or that projects will not cause or increase any air quality problems. Federal rules require that conformity determinations on TIPS and MTPs be updated within 18 months of any newly approved emission budget. Federal rules also require that conformity determinations on TIPS and MTPs are updated every 4 years to incorporate the latest planning assumptions, growth projections, vehicle miles travelled (VMT), and fiscal constraint. Additionally, conformity determinations are required when changes or amendments to TIPS and MTPs trigger the requirement. Limited maintenance plans, such as those for carbon monoxide in Anchorage and Fairbanks, and particulate matter (PM10) in Eagle River and Juneau, do not require the emission budget test, but they still require a conformity determination.

Rural Particulate Matter - Recent air monitoring in rural areas of Alaska indicates that some areas experience high concentrations of particulate, mostly dust. One source of the particulate matter in these communities is the road dust from the use of vehicles (cars, trucks, and four-wheelers) on unpaved roads. DOT&PF and ADEC are working together to identify possible solutions to the problem. Community outreach is underway in some areas to bring local ideas into the process:

- watering roads during dry periods,
- use of chemical additives (salts) mixed with water to alleviate dust,
- speed limits and limiting mechanized travel,
- rerouting traffic away from elder’s homes or schools (areas with sensitive people: elders and children), and
- road paving.

All control options have both advantages and disadvantages. In order to find a practical option for each area, it will likely be necessary to tailor a specific solution to that area.

Project Programming in the STIP

The STIP is made up of projects, divided into phases, scheduled according to the time estimated to accomplish each phase and the funding needed to complete it. Each funding source has different requirements or objectives, so the final selection of projects for the STIP depends on the available funding.

Multi-Phase, Phase 0 – This phase identifies programs that have multiple projects and for individual projects where the phases of work required for the improvements have yet to be defined. Examples include;

- Anchorage Metropolitan Area Transportation Solutions (AMATS) and the Fairbanks Area Surface Transportation (FAST) Community Transportation Program Allocations,
- Recreational Trails Program,
- Transportation Alternative Program,
- Pavement and Bridge Rehabilitation Program,
- Highway Safety Improvement Program, and the
- Alaska Railroad and Public Transit System Programs.

Miscellaneous/Other, Phase 9 – This phase identifies projects which do not result in physical construction. Examples of projects include bridge inspections, workforce development, safety education programs, inventory and condition surveys, information technology, and planning activities not funded directly with dedicated planning funding.

Statewide Planning and Research, Phase 8 – This phase is used for planning and research, development, and technology transfer (RD&T) activities funded with dedicated planning funding.

Design (Preliminary Engineering), Phase 2 - The design or preliminary engineering phase outlines a project and through increasingly detailed steps refines the project to develop highly specific project plans that construction contractors use to guide their work. A larger or more complex project may include a reconnaissance study to outline the issues involved, identify and analyze alternative solutions, and provide comparisons of the alternatives. Every project will entail some level of environmental review; the more complex or controversial projects may need detailed environmental impact studies, while simpler, routine projects may qualify for categorical exclusions. During the environmental review, design staff develops practicable or reasonable alternatives to the extent necessary to evaluate environmental impacts and estimate costs. Not all costs can be identified at this point, however, that will come as the project is further developed.

The design process also includes preliminary right of way and utility identification and, if needed, detailed right of way and utility phases. Some projects may warrant a project-specific public involvement plan (PIP) to inform the public and to ensure that all reasonable alternatives are identified and that public and agency concerns are considered and addressed before committing to a preferred action. Support groups such as bridge,

geotechnical/materials, hydrology, traffic, right-of-way, surveying, and utilities will also prepare specific studies, reports and design documents as needed as the project progresses.

Right of Way, Phase 3 - During the design phase the right-of-way (ROW) staff review the preliminary plans for each alternative under consideration in the environmental process. The staff prepares base maps and estimates of the probable number of parcels for each alternative and their acquisition and relocation costs. Each alternative is also assessed in terms of the number and socio-economic effects of residential and business relocations it causes. The results are included in the project's environmental document.

After the design of the project is completed and approval is given to move ahead, the ROW staff appraise the fair market value of land needed, including affected improvements, negotiate property acquisitions, relocate any displaced persons or businesses, and certify the department's ownership or land interest. They also are charged with controlling encroachments and disposing of lands no longer needed for public use.

Construction, Phase 4 - The construction phase includes all activities involved in building or altering an existing road or structure, including clearing land, demolition, excavation, moving material to establish curve and grade, drainage, fill, pavement, erection of bridges, guardrails, traffic signals, lighting, culverts, and traffic control. Depending on the project and location, it may also include temporary detours, steps to prevent or mitigate environmental problems and landscaping. Construction may take anywhere from a few days or weeks to several years to complete.

Utilities, Phase 7 - For each alternative under consideration in the design phase, the utilities engineer reviews preliminary plans that show line, grade, slope limits, and clear zone widths, and the plans are shared with the affected utility companies. The utility determines the adjustments and relocations necessary to avoid conflict with the project (which may warrant revising design plans), designs the changes to its facilities, and prepares plans and cost estimates to support the relocation agreement. In some cases, DOT&PF or a consultant performs the utility relocation design for relocation work to be included in the contract. The utilities engineer will verify adjustments or relocations necessary for each alternative and rough cost estimates. If additional right-of-way is necessary to accommodate utility relocation, these requirements will be shared with the ROW section for inclusion into the ROW cost estimates. After the design is completed and the project is approved to proceed, utility relocations may begin. Relocation may be performed by the utility company, by a contractor managed by utility or the department, or as part of the department's highway contract.

Each of these phases may involve anywhere from a few months to many years to complete. Some projects require all of these phases, while others may need only design and construction phases. In addition, depending on the complexity of the project, each phase may consist of a number of intermediate stages. The life of a project, from identification to completion may range from a few months (rare) to many years.

Transportation Performance Management and Performance Based Planning and Programming (TPM and PBPP)

Transportation Performance Management (TPM) is a strategic approach that uses system information to make investment and policy decisions to achieve national performance goals.

In short, Transportation Performance Management:

- Is systematically applied, a regular ongoing process.
- Provides key information to help decision makers allowing them to understand the consequences of investment decisions across transportation assets or modes.
- Improves communications between decision makers, stakeholders and the traveling public.
- Ensures targets and measures are developed in cooperative partnerships and based on data and objective information.

When implemented effectively, performance management can improve project and program delivery, inform investment decisions, focus staff on leadership priorities, and provide greater transparency and accountability.

Federal Regulations

The Federal Transportation Acts, MAP-21 and the FAST, set forth seven national goals for the Federal-aid highway program (23 USC 150 (b)) and identified seven performance measure areas.

The national goals outlined in 23 USC 150 (b) are:

- (1) Safety: To achieve a significant reduction in traffic fatalities and serious injuries on all public roads.
- (2) Infrastructure condition: To maintain the highway infrastructure asset system in a state of good repair.
- (3) Congestion reduction: To achieve a significant reduction in congestion on the National Highway System.
- (4) System reliability: To improve the efficiency of the surface transportation system.
- (5) Freight movement and economic vitality: To improve the National Highway Freight Network, strengthen the ability of rural communities to access national and international trade markets, and support regional economic development.
- (6) Environmental sustainability: To enhance the performance of the transportation system while protecting and enhancing the natural environment.
- (7) Reduced project delivery delays: To reduce project costs, promote jobs and the economy, and expedite the movement of people and goods by accelerating project completion through eliminating delays in the project development and delivery process, including reducing regulatory burdens and improving agencies' work practices.

The performance measure areas outlined in 23 USC 150(c) are:

- (1) Pavement condition on the Interstate System and on remainder of the National Highway System
- (2) Performance of the Interstate System and the remainder of the NHS

- (3) Bridge condition on the NHS
- (4) Fatalities and serious injuries – both number and rate per vehicle mile traveled – on all public roads
- (5) Traffic Congestion
- (6) On-road mobile source emissions
- (7) Freight movement on the Interstate System

DOT&PF Performance Management

Per 23 USC 150 (d) the DOT&PF has set performance targets in support of national performance measures. The DOT&PF collaborated with Metropolitan Planning Organizations (MPOs) and other stakeholders to finalize targets. All targets have been sent to FHWA. With the exception of the safety and on-road mobile source emissions, performance measure and targets are focused on the National Highway System.

This 2020-2023 STIP helps to implement the Alaska Long Range Transportation Policy Plan and the Transportation Asset Management Plan. This STIP includes projects that will help Alaska meet performance targets and make progress toward national goals and performance measures. These include a variety of projects focused on improving pavements, rehabilitating or replacing deficient bridges, and reducing fatalities and injuries.

Alaska DOT&PF is actively working toward linking plans and programs with a performance based planning and programming approach. Below is a description of current project selection processes that are in place for the National Highway Performance Program, National Highway Freight Program, Highway Safety Improvement Program, Congestion Mitigation and Air Quality Program and Alaska Community Transit Program. These are the programs that have the most impact on performance measure and target attainment; therefore, project selection processes for these programs should prioritize projects which will help the State to meet performance targets. There are other projects and programs that may minimally contribute. For example, the Community Transportation Program (funded with Surface Transportation Program funding) funds road improvements for non-NHS roads, but often provide safety improvements that help the state to meet safety targets.

National Highway Performance Program

Preliminary criteria have been developed for ranking projects using a performance-based planning approach. The following criteria were established: safety, pavement condition, bridge condition, traffic (AADT), and unique benefits. The NHS projects in the STIP have been through the ranking process as a trial; however, most projects were already initiated and the ranking did not drive individual project selection and programming. The ranking process is now being applied to all new projects starts.

The process is still in the beginning stages leaving room for improvement, especially regarding data collection and comparison of disparate project data, including project cost, readiness, geographic factors, and other unknown factors. Additional research and work is necessary to refine the process. Recently, a research project has begun to

evaluate the current criteria and process used, using a prominent research firm and a Technical Advisory Committee to guide and assist with the process. While the ranking process is not yet fully developed and implemented, the NHPP projects in this STIP are anticipated to help the state meet targets by addressing safety concerns, deficient bridges, and poor pavement conditions. Alaska is currently meeting and on track to continue to meet targets for the National Highway System.

National Highway Freight Program

Alaska has developed a Statewide Freight Plan consistent with federal guidance as specified in the Fixing America's Surface Transportation (FAST) Act. The FAST Act calls for State Freight Plans to identify the intended use of National Highway Freight Program funds; the LRTP does not contain projects, so this information is presented in separate Freight Investment Element Implementation Guidance. This document can be found at http://dot.alaska.gov/stwdplng/areaplans/modal_system/freightplan.shtml.

A list of potential NHFP projects was developed by Alaska DOT&PF, which requested input (through the Plan's Freight Working Group) from a diverse range of stakeholder including AMATS, FAST, the Alaska Railroad Corporation (ARRC), Fairbanks International Airport, Ted Stevens Anchorage International Airport, and the Port of Anchorage. While only a limited number of these projects can be funded through the NHFP, it is important to recognize the full list of opportunities, many of which may be advanced through other means. The "long list" of projects was reviewed with the proposing agencies. Based on their input, and on Alaska DOT&PF's goal of balancing investments across geographies, modes, and freight activities to address the needs and opportunities identified in the LRTP Freight Element, a plan for utilizing Alaska's NHFP funds was developed.

Congestion Mitigation and Air Quality Improvement Program

CMAQ projects are chosen using emissions data and other congestion and traffic and emission modeling tools. Projects which will reduce mobile source emissions with quantitative results, especially in nonattainment areas, rank highest. Many projects can be hard to rank, due to difficulty in measuring emission reductions relative to project improvements.

Highway Safety Improvement Program

Regional Traffic and Safety Engineers in Alaska's three regions (Northern, Central, and Southcoast) screen crash data and consider other information to identify projects. Projects can be either ranked or non-ranked. Ranked projects are implemented at locations with high crash history and are ranked by analyzing the benefit cost of specific safety-related improvements using estimated crash reduction factors and improvement costs. Non-ranked projects are implemented at locations with potential for severe crashes identified in State Highway Safety Program (SHSP) strategies and may be spot or system-wide improvements. System-wide, or systemic, improvement projects are implemented to reduce potential for fatal and serious injuries by mitigating road conditions or characteristics associated with specific crash types.

The regions conduct follow-up studies to determine the effectiveness of completed projects. HQ Traffic and Safety summarizes the overall effectiveness of the statewide program in the annual HSIP Report. The HSIP Handbook provides additional detail: http://dot.alaska.gov/stwddes/dcstraffic/pop_hsip.shtml

Alaska Community Transit Program

Alaska's goals and objectives for rural transit systems are:

Goal 1: Reduce the number of vehicles that have passed their ULB life by 3% annually.

- Prioritize the replacement of vehicles that have passed their ULB.

Goal 2: Reduce the number of vehicles not in a SGR by 3% by 2020.

- Dispose of vehicles that pose an irreparable unacceptable safety risk or provide the necessary repairs and/or refurbishment to place the vehicles back in SGR status.

Grant applications for the purchase of transit vehicles and facilities are accepted by DOT&PF annually. The following are considered when prioritizing investments:

- Availability of match funds
- Replacement capital takes precedent over expansion capital
- Location of the public transit system. Buses are more difficult to maintain in rural and landlocked areas. In addition, it takes longer for delivery of a vehicle, as much as 9 to 12 additional months
- Vehicle minimum age standard is met or exceeded
- Vehicle minimum mileage standard has been met or exceeded
- Potential of refurbishment
- Spare ratio

The Federal Transit Administration (FTA) also accepts applications twice a year. Once for Bus and Bus Facilities and the second time for Low or No Emission Vehicles. These applications are considered discretionary and scored by FTA.

The STIP Website

www.dot.alaska.gov/stip is where you will find the most current information on the STIP and the projects planned for your area.

STIP and Project Reporting Tools

There are several ways to view the current approved STIP and historical STIP documents, all of which are linked to the main STIP website. The official version of the STIP is the PDF version linked to the main site and the most recently approved on the revision summary table. The official version will be a complete packet including contact information, this introduction, project pages, and other relevant information located in the appendices at the end.

Every time the STIP is updated, the details will be added to the revision table along with a link to the approved STIP associated with that revision.

The live search (<http://www.dot.state.ak.us/stwdplng/cip/stip/search.shtml>) allows users to select STIP project information based on filters they choose. If no filters are chosen, all projects in the STIP will be listed. Using this tool, a user can get a custom list of STIP projects, choose how they are sorted, and decide whether they want a report in Excel or HTML format. It is also possible to search the STIP by program, such as all project that have been awarded through the Community Transportation Program (CTP), or all NHS program projects. If you query a programmatic Need ID, and select "Show IRIS Projects", the individual projects under that program will be identified, and include the status, and project manager. If a user is interested in projects receiving a specific funding type, using the fund class search a report can be generated to show all projects that have the selected funding, such as safety or Surface Transportation Program (STP) funds. You may also search all active Statewide Projects, including state funded projects at <http://dot.alaska.gov/projects-status/>. As always, you can also contact area planners with any specific program questions and they will be happy to provide detailed information. Contact information is provided in the STIP introduction and on the STIP website.

If you have trouble accessing information, or want to report an issue, please contact the STIP office for assistance.

Headquarters & Statewide Projects

The projects in this section are grouped alphabetically by place name then numerically by need ID number. If you have questions about projects in this section, please contact the

STIP Manager: Maren Brantner

Phone: (907) 465-2744

Email: maren.brantner@alaska.gov

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 31471

Title: McHugh RWIS Tower Upgrade

Region: Headquarters

Place Name: Anchorage

Highway: Seward Highway

Project Description:

Demolish the existing McHugh RWIS Tower and its power supply which are located in ARCC ROW near Seward Highway MP 111.8. Install a new tower in DOT ROW near the existing tower location. Route power from an existing CEA pole to the new tower.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Design	SM	12,191	0	0	0	
Design	STP	122,810	0	0	0	
Construction	SM	0	36,120	0	0	
Construction	STP	0	363,800	0	0	
Utilities	SM	0	6,321	0	0	
Utilities	STP	0	63,679	0	0	
Totals:		135,001	469,920	0	0	0

Program: Required programs and Preventive Maintenance	Sponsor: _____
Primary Work: ITS	PEB Score: _____
2013 Election District: 28 South Anchorage	Criteria: _____
Borough/Census Area: Various Boroughs	Functional Class: INTERSTATE
Municipal Planning Org. (MPO): non-MPO	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 29609

Title: RWIS Air Quality Sensor Operations & Maintenance

Region: Headquarters

Place Name: Fairbanks

Highway: N/A

Project Description:

This project provides for air quality data analysis, program management, sensor calibration, maintenance checks, troubleshooting, travel, and repair of air quality sensors collocated at five Fairbanks Road Weather Information Station Environmental Sensor Stations through a Reimbursable Services Agreement between the Department of Transportation & Public Facilities and the Department of Environmental Conservation. The project also provides for training, consumable supplies, and repair parts.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Multi-Phase Activity	SM	9,030	9,030	9,030	9,030	
Multi-Phase Activity	STP	90,970	90,970	90,970	90,970	
Totals:		100,000	100,000	100,000	100,000	100,000

Program: Required programs and Preventive Maintenance	Sponsor: _____
Primary Work: ITS	PEB Score: _____
2013 Election District: 60 Fairbanks Areawide	Criteria: _____
Borough/Census Area: Fairbanks North Star Borough	Functional Class: N/A
Municipal Planning Org. (MPO): FAST	
Performance Measures: CMAQ	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 33101

Title: City and Borough of Juneau, Transit Electric Buses

Region: Headquarters

Place Name: Juneau

Highway: N/A

Project Description:

Purchase of electric buses and charging infrastructures.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Other / Miscellaneous	5339	0	5,014,400	0	0	
Totals:		0	5,014,400	0	0	0

Program: Required programs and Preventive Maintenance	Sponsor: _____
Primary Work: Transit	PEB Score: _____
2013 Election District: 80 Juneau Areawide	Criteria: _____
Borough/Census Area: Juneau, City and Borough of	Functional Class: N/A
Municipal Planning Org. (MPO): not identified	
Performance Measures: N/A	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 6446

Title: Annual Planning Work Program

Region: Headquarters

Place Name: Statewide

Highway:

Project Description:

State Transportation Improvement Program (STIP), State Transportation Plan, data collection and analysis, and management systems are Federally required elements of this program.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Planning & Research	PLNG	6,778,023	6,778,023	6,778,023	6,778,023	
Planning & Research	SM	1,704,917	1,716,772	1,716,772	1,716,772	
Planning & Research	STP	18,000	18,000	18,000	18,000	
Planning & Research	URPL	88,511	207,938	207,938	207,938	
Totals:		8,589,451	8,720,733	8,720,733	8,720,733	20,000,000

Program: Required programs and Preventive Maintenance	Sponsor: DOT
Primary Work: Planning	PEB Score:
2013 Election District: 99 Statewide	Criteria:
Borough/Census Area: Various Boroughs	Functional Class: N/A
Municipal Planning Org. (MPO): non-MPO	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 6447

Title: Bridge and Tunnel Inventory, Inspection, Monitoring, Preservation, Rehab and Replacement Program

Region: Headquarters

Place Name: Statewide

Highway:

Project Description:

Inspection of all bridges and tunnels on public roads on a two-year cycle. The magnitude of structural deficiencies found during the inspection causes the subject bridge or tunnel to be eligible for preservation, rehabilitation or replacement with federal highway bridge program funding. Project also includes inspection of DOT-owned miscellaneous or ancillary structures on or adjacent to public roads, such as high tower structures, bridges less than 20' long and culverts with diameters greater than 10'.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Multi-Phase Activity	NHPP	3,183,950	3,183,950	3,183,950	3,183,950	
Multi-Phase Activity	SM	632,100	632,100	632,100	632,100	
Multi-Phase Activity	STP	3,813,950	3,813,950	3,813,950	3,813,950	
Totals:		7,630,000	7,630,000	7,630,000	7,630,000	7,800,000

Program: Required programs and Preventive Maintenance	Sponsor: DOT
Primary Work: Bridge Rehabilitation	PEB Score: _____
2013 Election District: 99 Statewide	Criteria: _____
Borough/Census Area: Various Boroughs	Functional Class: N/A
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: Bridge	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 6448

Title: Urban Planning Program

Region: Headquarters

Place Name: Statewide

Highway:

Project Description:

Local government transportation planning and special studies including AMATS and FAST. AMATS and FAST Long Range Transportation Plans and preparation of Transportation Improvement Programs are federally required elements of this program.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Planning & Research	3PF	200,934	191,487	191,487	191,487	
Planning & Research	URPL	2,024,244	1,929,082	1,929,082	1,929,082	
Totals:		2,225,178	2,120,569	2,120,569	2,120,569	4,300,000

Program: Required programs and Preventive Maintenance	Sponsor: DOT
Primary Work: Planning	PEB Score:
2013 Election District: 99 Statewide	Criteria:
Borough/Census Area: Various Boroughs	Functional Class: N/A
Municipal Planning Org. (MPO): non-MPO	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 6449

Title: Statewide: Highway Safety Improvement Program Safety Management

Region: Headquarters

Place Name: Statewide

Highway:

Project Description:

HSIP Management, studies, responses, and policy making on safety-related issues.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Other / Miscellaneous	SA	477,000	477,000	477,000	477,000	
Other / Miscellaneous	SM	53,000	53,000	53,000	53,000	
Totals:		530,000	530,000	530,000	530,000	1,060,000

Program: Required programs and Preventive Maintenance	Sponsor: DOT
Primary Work: Planning	PEB Score:
2013 Election District: 99 Statewide	Criteria:
Borough/Census Area: Various Boroughs	Functional Class: N/A
Municipal Planning Org. (MPO): non-MPO	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 6450

Title: USGS Flood Frequency and Analysis

Region: Headquarters

Place Name: Statewide

Highway:

Project Description:

Cooperative effort with the US Geological Survey (approximately 50% cost share) to collect data on water levels. This data supports design of bridges and culverts primarily, but can also be used in design of road reconstruction and stormwater issues.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Other / Miscellaneous	NHPP	295,652	295,652	295,652	295,652	
Other / Miscellaneous	SM	58,696	58,696	58,696	58,696	
Other / Miscellaneous	STP	295,652	295,652	295,652	295,652	
Totals:		650,000	650,000	650,000	650,000	1,200,000

Program: Required programs and Preventive Maintenance	Sponsor: DOT
Primary Work: Planning	PEB Score:
2013 Election District: 99 Statewide	Criteria:
Borough/Census Area: Various Boroughs	Functional Class: N/A
Municipal Planning Org. (MPO): non-MPO	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 6451

Title: Statewide Research Program

Region: Headquarters

Place Name: Statewide

Highway:

Project Description:

Federally funded research projects are selected by the Statewide Research Board to improve the quality and efficiency of Alaska's Transportation network. Example: Improve pavement materials to reduce rutting due to studded tires. This also pays for dues to other research entities that the State of Alaska is required to participate in.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Planning & Research	RES	1,976,000	2,015,520	2,055,832	2,096,948	
Planning & Research	SM	494,000	503,880	513,958	524,237	
	Totals:	2,470,000	2,519,400	2,569,790	2,621,185	5,190,975

Program: Required programs and Preventive Maintenance	Sponsor: DOT
Primary Work: Research	PEB Score:
2013 Election District: 99 Statewide	Criteria:
Borough/Census Area: Various Boroughs	Functional Class: N/A
Municipal Planning Org. (MPO): non-MPO	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 6452

Title: National Highway Institute Training

Region: Headquarters

Place Name: Statewide

Highway:

Project Description:

Technical training in engineering, planning, and administration related to federal highway program and funding.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Other / Miscellaneous	SM	31,605	31,605	31,605	31,605	
Other / Miscellaneous	STP	318,395	318,395	318,395	318,395	
Totals:		350,000	350,000	350,000	350,000	700,000

Program: Required programs and Preventive Maintenance	Sponsor: DOT
Primary Work: Training	PEB Score: _____
2013 Election District: 99 Statewide	Criteria: _____
Borough/Census Area: Various Boroughs	Functional Class: N/A
Municipal Planning Org. (MPO): non-MPO	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 6454

Title: Bridge Management System

Region: Headquarters

Place Name: Statewide

Highway:

Project Description:

Development and continued maintenance of a management system for addressing bridge deficiencies on public roads which includes periodic updates to various bridge management reports.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Other / Miscellaneous	NHPP	341,138	227,425	227,425	227,425	
Other / Miscellaneous	SM	67,725	45,150	45,150	45,150	
Other / Miscellaneous	STP	341,137	227,425	227,425	227,425	
Totals:		750,000	500,000	500,000	500,000	1,000,000

Program: Required programs and Preventive Maintenance	Sponsor: DOT
Primary Work: Planning	PEB Score: _____
2013 Election District: 99 Statewide	Criteria: _____
Borough/Census Area: Various Boroughs	Functional Class: N/A
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: N/A	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 6455

Title: Small Hydrologic Investigations

Region: Headquarters

Place Name: Statewide

Highway:

Project Description:

Ad hoc response studies in various locations in cooperation with the US Geological Survey (approximately 50% cost share) and others (e.g., UAF, UAA, UAS & DNR-DGGS) to analyze hydrologic flood conditions. Also, the use of airborne survey technologies to track river ice accumulations during winter months.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Other / Miscellaneous	NHPP	90,972	90,972	90,972	90,972	
Other / Miscellaneous	SM	9,028	9,028	9,028	9,028	
Totals:		100,000	100,000	100,000	100,000	200,000

Program: Required programs and Preventive Maintenance	Sponsor: DOT
Primary Work: Planning	PEB Score: _____
2013 Election District: 99 Statewide	Criteria: _____
Borough/Census Area: Various Boroughs	Functional Class: N/A
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: Safety	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 6457

Title: Seismic Bridge Retrofit Program

Region: Headquarters

Place Name: Statewide

Highway:

Project Description:

Structural evaluation, examination and enhancements to bridges that are determined to be insufficient in earthquake zones.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Multi-Phase Activity	NHPP	113,713	113,713	432,107	432,107	
Multi-Phase Activity	SM	22,575	22,575	85,785	85,785	
Multi-Phase Activity	STP	113,712	113,712	432,108	432,108	
Totals:		250,000	250,000	950,000	950,000	1,900,000

Program: Required programs and Preventive Maintenance	Sponsor: DOT
Primary Work: Bridge Rehabilitation	PEB Score:
2013 Election District: 99 Statewide	Criteria:
Borough/Census Area: Various Boroughs	Functional Class: N/A
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: Bridge, Safety	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 6458

Title: Civil Rights Program

Region: Headquarters

Place Name: Statewide

Highway:

Project Description:

On the job training to provide training opportunities on construction jobs. Also, provides on-site construction review to assure compliance with Civil Rights laws.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Other / Miscellaneous	DBE	170,000	170,000	170,000	170,000	
Other / Miscellaneous	OJT	55,000	55,000	55,000	55,000	
Totals:		225,000	225,000	225,000	225,000	450,000

Program: Required programs and Preventive Maintenance	Sponsor: DOT
Primary Work: Training	PEB Score:
2013 Election District: 99 Statewide	Criteria:
Borough/Census Area: Various Boroughs	Functional Class: N/A
Municipal Planning Org. (MPO): non-MPO	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 12259

Title: Recreational Trails Program

Region: Headquarters

Place Name: Statewide

Highway:

Project Description:

This program provides funding for various small recreational trail projects statewide. The program is administered by ADNR.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Multi-Phase Activity	3PF	135,135	224,472	224,472	224,472	
Multi-Phase Activity	RTP	1,361,379	2,261,379	2,261,379	2,261,379	
Totals:		1,496,514	2,485,851	2,485,851	2,485,851	4,971,702

Program: Transportation Alternatives Program	Sponsor: DEPT. NATURAL RESOURCES
Primary Work: Transportation Enhancements	PEB Score: _____
2013 Election District: 99 Statewide	Criteria: _____
Borough/Census Area: Various Boroughs	Functional Class: N/A
Municipal Planning Org. (MPO): non-MPO	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 12579

Title: Bridge Scour Monitoring and Retrofit Program

Region: Headquarters

Place Name: Statewide

Highway:

Project Description:

Description: Install monitoring and telemetry, perform activities required to meet the National Bridge Inspection Standards (NBIS) for scour, implement the DOT&PF Plan of Action (POA) for scour-critical bridges, coordinate with local agencies on NBIS compliance, and design and construct physical scour countermeasures at State bridges identified as scour critical National Bridge Inspection Standards

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Multi-Phase Activity	NHPP	432,108	432,108	432,108	432,108	
Multi-Phase Activity	SM	85,784	85,784	85,784	85,784	
Multi-Phase Activity	STP	432,108	432,108	432,108	432,108	
Totals:		950,000	950,000	950,000	950,000	1,900,000

Program: Required programs and Preventive Maintenance	Sponsor: ADOT&PF
Primary Work: System Preservation	PEB Score:
2013 Election District: 99 Statewide	Criteria:
Borough/Census Area: Various Boroughs	Functional Class: N/A
Municipal Planning Org. (MPO): non-MPO	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 12979

Title: Highway Fuel Tax Evasion

Region: Headquarters

Place Name: Statewide

Highway:

Project Description:

Continuing program to enforce the collection of motor fuel taxes in compliance with federal law.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Other / Miscellaneous	STP	100,000	100,000	100,000	100,000	
Totals:		100,000	100,000	100,000	100,000	200,000

Program: Required programs and Preventive Maintenance	Sponsor: DEPT. REVENUE
Primary Work: Planning	PEB Score:
2013 Election District: 99 Statewide	Criteria:
Borough/Census Area: Various Boroughs	Functional Class: N/A
Municipal Planning Org. (MPO): non-MPO	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 13239

Title: Culvert Repair or Replace Project

Region: Headquarters

Place Name: Statewide

Highway:

Project Description:

Repair or replacement of culverts that are barriers to safe fish passage. This annual project will identify culverts that are partial or full barriers to fish passage and take the appropriate corrective action.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Multi-Phase Activity	SM	45,150	45,150	90,300	0	
Multi-Phase Activity	STP	454,850	454,850	909,700	0	
Totals:		500,000	500,000	1,000,000	0	0

Program: Required programs and Preventive Maintenance	Sponsor: ADOT/PF
Primary Work: System Preservation	PEB Score:
2013 Election District: 99 Statewide	Criteria:
Borough/Census Area: Various Boroughs	Functional Class: N/A
Municipal Planning Org. (MPO): non-MPO	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 18330

Title: Strategic Highway Safety Plan

Region: Headquarters

Place Name: Statewide

Highway:

Project Description:

This project supports the Strategic Highway Safety Plan (SHSP). The goal of the plan is to reduce fatalities and major injuries by one third over the next 10 years. Scope of work includes: revisions as needed to comply with FAST Act requirements and other department priorities; membership and leadership meetings to assess strategies and actions; evaluation methods to track performance; and, collaboration with Highway Safety Improvement Plan (HSIP) and the Alaska Highway Safety Office (AHSO) staff to align projects with goals of SHSP.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Other / Miscellaneous	S148	100,000	100,000	100,000	100,000	
	Totals:	100,000	100,000	100,000	100,000	100,000

Program: Required programs and Preventive Maintenance	Sponsor: DOT&PF
Primary Work: Safety	PEB Score: _____
2013 Election District: 99 Statewide	Criteria: _____
Borough/Census Area: Various Boroughs	Functional Class: N/A
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: N/A	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 18791

Title: Statewide Congestion and Mitigation Air Quality

Region: Headquarters

Place Name: Statewide

Highway:

Project Description:

The Department will work with DEC and appropriate local authorities to develop sub-allocations. Provide CMAQ funds to address non-attainment and maintenance measures in the Air Quality Statewide Improvement Program.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Other / Miscellaneous	CMAQ-F	482,100	482,100	482,100	482,100	
Other / Miscellaneous	CMAQ-M	2,729,100	2,729,100	2,729,100	2,729,100	
Other / Miscellaneous	SM	318,800	318,800	318,800	318,800	
Totals:		3,530,000	3,530,000	3,530,000	3,530,000	7,060,000

Program:	Required programs and Preventive Maintenance	Sponsor:	AK Dept. of Environmental Conservation
Primary Work:	Congestion	PEB Score:	999
2013 Election District:	99 Statewide	Criteria:	Remote and Trails
Borough/Census Area:	Various Boroughs	Functional Class:	N/A
Municipal Planning Org. (MPO):	non-MPO		
Performance Measures:	CMAQ		

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 19119

Title: Enhanced Mobility for Seniors and Individuals With Disabilities

Region: Headquarters

Place Name: Statewide

Highway:

Project Description:

FTA Section 5310 monies to be used for the purchase of rides and vehicles for eligible clients and agencies throughout rural and small urban Alaska.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Other / Miscellaneous	3PF	100,128	109,915	116,000	124,000	
Other / Miscellaneous	5310	248,993	274,789	290,000	310,000	
Other / Miscellaneous	STP	318,400	318,400	318,400	318,400	
Totals:		667,521	703,104	724,400	752,400	752,400

Program: Required programs and Preventive Maintenance	Sponsor: DOT&PF
Primary Work: Transit	PEB Score:
2013 Election District: 99 Statewide	Criteria: Transit
Borough/Census Area: Various Boroughs	Functional Class: N/A
Municipal Planning Org. (MPO): non-MPO	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 19120

Title: Rural Transit and Rural Transit Assistance Program

Region: Headquarters

Place Name: Statewide

Highway:

Project Description:

FTA Sections 5311, 5311(b)(3), and 5340 Monies available for administrative, operating, capital and training expenses for eligible rural public transit systems. Projects are determined through a competitive grant application process.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Other / Miscellaneous	3PF	4,053,798	4,131,500	4,256,488	4,256,488	
Other / Miscellaneous	5311	9,427,438	9,680,605	10,006,744	10,006,744	
Other / Miscellaneous	SM	0	300,000	300,000	300,000	
Totals:		13,481,236	14,112,105	14,563,232	14,563,232	14,263,232

Program: Required programs and Preventive Maintenance	Sponsor: DOT&PF
Primary Work: Transit	PEB Score:
2013 Election District: 99 Statewide	Criteria: Transit
Borough/Census Area: Various Boroughs	Functional Class: N/A
Municipal Planning Org. (MPO): non-MPO	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 19217

Title: Highway Safety Improvement Program (HSIP)

Region: Headquarters

Place Name: Statewide

Highway:

Project Description:

Evaluation, design, and construction of projects to address safety concerns statewide.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Multi-Phase Activity	AC	10,000,000	0	0	0	
Multi-Phase Activity	ACC	-27,070,000	-32,070,000	0	0	
Multi-Phase Activity	RHE	1,230,000	1,230,000	1,230,000	1,230,000	
Multi-Phase Activity	S148	23,390,000	23,390,000	23,390,000	22,910,000	
Multi-Phase Activity	SA	53,530,000	43,530,000	31,460,000	31,460,000	
Multi-Phase Activity	SM	3,640,000	3,640,000	3,640,000	3,640,000	
	Totals:	64,720,000	39,720,000	59,720,000	59,240,000	118,480,000

Program: Required programs and Preventive Maintenance	Sponsor: ADOT/PF
Primary Work: Safety	PEB Score: _____
2013 Election District: 99 Statewide	Criteria: _____
Borough/Census Area: Various Boroughs	Functional Class: N/A
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: Safety	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 19634
Title: Track Rehabilitation
Region: Headquarters
Place Name: Statewide
Highway:

Project Description:
 Alaska Railroad track rehabilitation outside the AMATS and FAST areas including shoulder widening, siding program, drainage, State of Good Repair and improvement projects related to track infrastructure.



Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Multi-Phase Activity	3PF	2,630,000	780,000	460,000	2,520,000	
Multi-Phase Activity	5307RR	35,600,000	0	0	200,000	
Multi-Phase Activity	5324	520,000	3,600,000	800,000	0	
Multi-Phase Activity	5337GR	4,200,000	3,120,000	1,900,000	10,100,000	
Totals:		42,950,000	7,500,000	3,160,000	12,820,000	12,500,000

Program: Required programs and Preventive Maintenance	Sponsor: Alaska Railroad
Primary Work: Railroad	PEB Score: _____
2013 Election District: 99 Statewide	Criteria: _____
Borough/Census Area: Various Boroughs	Functional Class: N/A
Municipal Planning Org. (MPO): non-MPO	

**Technical Correction
Approved August 4, 2021**



**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 19635
Title: Bridge Rehabilitation
Region: Headquarters
Place Name: Statewide
Highway:

Project Description:
 Bridge engineering, preventive maintenance, rehabilitation, replacements, and other bridge improvements rail belt wide.



Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Multi-Phase Activity	3PF	305,000	4,100,000	2,700,000	800,000	
Multi-Phase Activity	5307RR	6,810,000	100,000	0	0	
Multi-Phase Activity	5337GR	0	16,400,000	10,850,000	3,200,000	
Multi-Phase Activity	GRANT	11,910,480	0	0	0	
Totals:		19,025,480	20,600,000	13,550,000	4,000,000	15,000,000

Program: Required programs and Preventive Maintenance	Sponsor: Alaska Railroad
Primary Work: Railroad	PEB Score:
2013 Election District: 99 Statewide	Criteria:
Borough/Census Area: Various Boroughs	Functional Class: N/A
Municipal Planning Org. (MPO): non-MPO	

**Technical Correction
Approved August 4, 2021**



**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 19658
Title: Statewide Preventive Maintenance
Region: Headquarters
Place Name: Statewide
Highway:



Project Description:
 This project partially funds statewide operating and maintenance costs related to passenger transit services. Additionally, includes passenger vehicle railcars and locomotives capital rehabilitation to extend functionality and serviceability of the asset.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Multi-Phase Activity	3PF	3,150,000	250,000	100,000	3,300,000	
Multi-Phase Activity	5307RR	29,800,000	550,000	550,000	11,400,000	
Multi-Phase Activity	5337GR	12,500,000	1,000,000	400,000	1,800,000	
Totals:		45,450,000	1,800,000	1,050,000	16,500,000	16,750,000

Program: Required programs and Preventive Maintenance	Sponsor: Alaska Railroad
Primary Work: Railroad	PEB Score:
2013 Election District: 99 Statewide	Criteria: Transit
Borough/Census Area: Various Boroughs	Functional Class: N/A
Municipal Planning Org. (MPO): non-MPO	

**Technical Correction
Approved August 4, 2021**



**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 19664
Title: Positive Train Control
Region: Headquarters
Place Name: Statewide
Highway:

Project Description:
 Funds provide continuing development of a multi-phased program to design, develop, and implement a communication-based train control system.



Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Multi-Phase Activity	3PF	25,000	12,500	12,500	25,000	
Multi-Phase Activity	5307RR	50,000	0	14,000,000	50,000	
Multi-Phase Activity	5337GR	50,000	50,000	50,000	50,000	
Totals:		125,000	62,500	14,062,500	125,000	125,000

Program: Required programs and Preventive Maintenance	Sponsor: Alaska Railroad
Primary Work: Railroad	PEB Score:
2013 Election District: 99 Statewide	Criteria: Transit
Borough/Census Area: Various Boroughs	Functional Class: N/A
Municipal Planning Org. (MPO): non-MPO	

**Technical Correction
Approved August 4, 2021**



**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 19666
Title: Bond Principal Int Costs
Region: Headquarters
Place Name: Statewide
Highway:



Project Description:

These funds are for payment of the portion of the net Grant Receipt Revenue Bond debt services issued for ARRC Capital Improvements. Bonds were issued in 2007 and 2015. Capital Improvement Projects include track rehabilitation, positive train control, passenger rolling stock, Anchorage car shop design and Moody Tunnel.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Multi-Phase Activity	3PF	3,600,000	3,320,000	3,600,000	0	
Multi-Phase Activity	5307RR	4,500,000	11,400,000	11,400,000	0	
Multi-Phase Activity	5337GR	10,400,000	2,000,000	3,000,000	0	
Totals:		18,500,000	16,720,000	18,000,000	0	0

Program: Required programs and Preventive Maintenance	Sponsor: Alaska Railroad
Primary Work: Railroad	PEB Score:
2013 Election District: 99 Statewide	Criteria: Transit
Borough/Census Area: Various Boroughs	Functional Class: N/A
Municipal Planning Org. (MPO): non-MPO	

**Technical Correction
Approved August 4, 2021**



**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 20294

Title: Air Quality Public Education

Region: Headquarters

Place Name: Statewide

Highway:

Project Description:

The statewide air quality public education project will focus on a number of air quality issues of concern to Alaska including, but not limited to: air pollution health/environmental impacts and ways local citizens can mitigate air pollution from sources like motor vehicles, unpaved roads, diesel engines/heavy duty vehicles, wood smoke, residential heating, etc. There may also be a focus on transportation alternatives that can assist in improving air quality (pedestrian, bike, transit, car/van pool).

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Other / Miscellaneous	CMAQ-M	181,940	181,940	181,940	181,940	
Other / Miscellaneous	SM	18,060	18,060	18,060	18,060	
Totals:		200,000	200,000	200,000	200,000	400,000

Program: Required programs and Preventive Maintenance	Sponsor: ADEC
Primary Work: Planning	PEB Score: 199
2013 Election District: 99 Statewide	Criteria:
Borough/Census Area: Various Boroughs	Functional Class: N/A
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: CMAQ	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 20854
Title: Passenger Equipment
Region: Headquarters
Place Name: Statewide
Highway:

Project Description:
 Passenger equipment rehabilitation.



Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Multi-Phase Activity	3PF	500,000	210,000	625,000	80,000	
Multi-Phase Activity	5307RR	3,450,000	50,000	50,000	50,000	
Multi-Phase Activity	5337GR	200,000	830,000	2,000,000	285,000	
Totals:		4,150,000	1,090,000	2,675,000	415,000	1,250,000

Program: Required programs and Preventive Maintenance	Sponsor: Alaska Railroad
Primary Work: Railroad	PEB Score:
2013 Election District: 99 Statewide	Criteria: Transit
Borough/Census Area: Various Boroughs	Functional Class: N/A
Municipal Planning Org. (MPO): non-MPO	

**Technical Correction
Approved August 4, 2021**

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 21314

Title: Transit Security Associated Transit Improvements (Transit Enhancement)

Region: Headquarters

Place Name: Statewide

Highway:

Project Description:

Purchase and install surveillance equipment system-wide, and other security expenses as appropriate. Transit enhancement projects system-wide such as rest rooms, wheel chair lifts, intuitive signage, and other enhancements as may be identified.



Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Multi-Phase Activity	3PF	25,000	2,500	2,500	5,000	
Multi-Phase Activity	5307RR	100,000	0	0	10,000	
Multi-Phase Activity	5337GR	0	10,000	10,000	10,000	
Totals:		125,000	12,500	12,500	25,000	75,000

Program: Required programs and Preventive Maintenance	Sponsor: Alaska Railroad
Primary Work: Railroad	PEB Score:
2013 Election District: 99 Statewide	Criteria:
Borough/Census Area: Various Boroughs	Functional Class: N/A
Municipal Planning Org. (MPO): non-MPO	

**Technical Correction
Approved August 4, 2021**

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 25836

Title: AASHTO Technical Programs Support

Region: Headquarters

Place Name: Statewide

Highway:

Project Description:

American Association of State Highway and Transportation Officials (AASHTO) offers several technical service programs on a voluntary membership basis. This project will support annual ADOT&PF's federally eligible technical service program memberships as selected by the Commissioner.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Planning & Research	RES	220,000	220,000	220,000	220,000	
Totals:		220,000	220,000	220,000	220,000	460,000

Program: Required programs and Preventive Maintenance	Sponsor: _____
Primary Work: Planning	PEB Score: _____
2013 Election District: 99 Statewide	Criteria: _____
Borough/Census Area: Various Boroughs	Functional Class: N/A
Municipal Planning Org. (MPO): non-MPO	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 26168

Title: Air Quality Mobile Source Modeling

Region: Headquarters

Place Name: Statewide

Highway:

Project Description:

Continue development and enhancement of the statewide framework for MOVES modeling in Alaska to ensure consistent development, application, and approval of modeling workflows (e.g., input data collection and processing, model setup and execution requirements, post-processing of outputs, etc.) in all regional mobile source inventory applications envisioned within the state. These regional applications include SIP emissions/emission budgets and transportation conformity emission inventories, NEI (National Emission Inventory) submittals to EPA that consist of both planning and episodic modeling inventories, throughout the state. Continue the support of the EPA requirement to use MOVES for local communities and state, and continue to evaluate MOVES versions to ensure unique aspects of Alaska conditions are addressed.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Other / Miscellaneous	CMAQ-F	181,940	181,940	181,940	181,940	
Other / Miscellaneous	SM	18,060	18,060	18,060	18,060	
Totals:		200,000	200,000	200,000	200,000	400,000

Program: Required programs and Preventive Maintenance	Sponsor: _____
Primary Work: Planning	PEB Score: _____
2013 Election District: 99 Statewide	Criteria: _____
Borough/Census Area: Various Boroughs	Functional Class: N/A
Municipal Planning Org. (MPO): not identified	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 26269

Title: Transportation Asset Management Program

Region: Headquarters

Place Name: Statewide

Highway:

Project Description:

Develop Asset Management program for ADOTPF assets containing an inventory of specific assets, their condition, performance targets and a plan of how to achieve these targets in a cost effective and efficient manner through a mix of investments. Advance an Asset Management Improvement Strategy that will examine ADOTPF's proficiency and maturity in Asset Management practices, identify strengths and weaknesses, look at methodologies and practices, and set goals and objectives for continuous improvement.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Other / Miscellaneous	NHPP	1,819,400	1,819,400	1,819,400	1,819,400	
Other / Miscellaneous	SM	180,600	180,600	180,600	180,600	
Totals:		2,000,000	2,000,000	2,000,000	2,000,000	4,000,000

Program: Required programs and Preventive Maintenance	Sponsor: _____
Primary Work: Planning	PEB Score: _____
2013 Election District: 99 Statewide	Criteria: _____
Borough/Census Area: Various Boroughs	Functional Class: N/A
Municipal Planning Org. (MPO): non-MPO	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 26469

Title: Road Weather Information System (RWIS)

Region: Headquarters

Place Name: Statewide

Highway:

Project Description:

RWIS is a network of 70+ environmental sensor stations (ESS) strategically located on major arterials. This project funds the ongoing maintenance and operations of the network and sites, towers, cabinets, and atmospheric and pavement sensor replacements. This also funds monthly utilities and web application development and upgrades to support the large customer base.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Multi-Phase Activity	NHPP	727,440	727,440	727,440	727,440	
Multi-Phase Activity	SM	72,560	72,560	72,560	72,560	
Totals:		800,000	800,000	800,000	800,000	1,600,000

Program: Required programs and Preventive Maintenance	Sponsor: _____
Primary Work: ITS	PEB Score: _____
2013 Election District: 99 Statewide	Criteria: _____
Borough/Census Area: Various Boroughs	Functional Class: N/A
Municipal Planning Org. (MPO): non-MPO	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 26470

Title: 511 Phone and Web Maintenance & Operations

Region: Headquarters

Place Name: Statewide

Highway:

Project Description:

This project will fund the maintenance and operations of the 511 Traveler Information System website, 5-1-1 telephone, AMHS arrival and schedules phone system, and internal 511 reporting system. This includes funding the 511 Management Center, 24/7 technical support, ongoing M&O activities, and disseminating information to the public via SMS text and email.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Multi-Phase Activity	NHPP	785,071	785,071	785,071	785,071	
Multi-Phase Activity	SM	77,929	77,929	77,929	77,929	
Totals:		863,000	863,000	863,000	863,000	3,452,000

Program: Required programs and Preventive Maintenance	Sponsor: _____
Primary Work: ITS	PEB Score: _____
2013 Election District: 99 Statewide	Criteria: _____
Borough/Census Area: Various Boroughs	Functional Class: N/A
Municipal Planning Org. (MPO): non-MPO	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 26471

Title: Highway Performance Monitoring System (HPMS)

Reporting

Region: Headquarters

Place Name: Statewide

Highway:

Project Description:

This project supports the new Highway Performance Monitoring System (HPMS) integration application (HPMSAnalyst) used to meet annual FHWA HPMS Submittal requirements. Scope of work includes: ongoing operations and maintenance; integration with department applications; updates to ensure compliance with new federal requirements for performance measures; and, technical support.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Other / Miscellaneous	NHPP	0	136,455	136,455	136,455	
Other / Miscellaneous	SM	0	13,545	13,545	13,545	
Totals:		0	150,000	150,000	150,000	150,000

Program: Required programs and Preventive Maintenance	Sponsor: _____
Primary Work: ITS	PEB Score: _____
2013 Election District: 99 Statewide	Criteria: _____
Borough/Census Area: Various Boroughs	Functional Class: N/A
Municipal Planning Org. (MPO): non-MPO	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 27269

Title: Geographic Information System Development

Region: Headquarters

Place Name: Statewide

Highway: N/A

Project Description:

This project supports the Geographic Information System (GIS) development for Department decisions involving resource allocation, project selection, and results based budgeting. The project will directly support the Highway Performance Monitoring System, Traffic Data System, Crash Data System, and Transportation Asset Management Information System. Project activities include: GIS design and development, hardware and software acquisition, application design and development, and web-based services.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Other / Miscellaneous	SM	22,575	22,575	22,575	22,575	
Other / Miscellaneous	STP	227,425	227,425	227,425	227,425	
Totals:		250,000	250,000	250,000	250,000	1,000,000

Program: Required programs and Preventive Maintenance	Sponsor: DOT&PF
Primary Work: ITS	PEB Score:
2013 Election District: 99 Statewide	Criteria:
Borough/Census Area: Various Boroughs	Functional Class: N/A
Municipal Planning Org. (MPO): not identified	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 27270

Title: Roadway Data Collection

Region: Headquarters

Place Name: Statewide

Highway: N/A

Project Description:

This project supports the collection and processing of road centerlines, roadway inventory features, and roadway attributes. Project activities include: data collection planning, data collection, data processing, data quality assurance, and acquisition of data storage hardware and software. The resulting data will directly support: the Highway Performance Monitoring System, the Traffic Data System, the Crash Data System, and the Maintenance Management System.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Other / Miscellaneous	SM	90,300	90,300	130,032	130,032	
Other / Miscellaneous	STP	909,700	909,700	1,091,640	1,091,640	
Totals:		1,000,000	1,000,000	1,221,672	1,221,672	2,000,000

Program: Required programs and Preventive Maintenance	Sponsor: DOT&PF
Primary Work: ITS	PEB Score:
2013 Election District: 99 Statewide	Criteria:
Borough/Census Area: Various Boroughs	Functional Class: N/A
Municipal Planning Org. (MPO): not identified	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 27689

Title: Alaska CARE - Crash Data Analysis & Reporting System

Region: Headquarters

Place Name: Statewide

Highway: N/A

Project Description:

This project supports the Alaska CARE used to analyze and report crash data for Strategic Highway Safety Plan (SHSP), the Alaska Highway Safety Performance Plan and the Highway Safety Improvement Program (HSIP) and the FAST Act performance measures requirements. Scope of work includes: support maintenance and operations; support GIS linear referenced network; revisions as needed to support crash locations and mapping needs; support IT hardware and software; and will support system integration with other department applications in order to meet reporting requirements.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Other / Miscellaneous	NHPP	90,970	90,970	68,228	54,582	
Other / Miscellaneous	SM	9,030	9,030	6,772	5,418	
Totals:		100,000	100,000	75,000	60,000	0

Program: Required programs and Preventive Maintenance	Sponsor: _____
Primary Work: Planning	PEB Score: _____
2013 Election District: 99 Statewide	Criteria: _____
Borough/Census Area: Various Boroughs	Functional Class: N/A
Municipal Planning Org. (MPO): non-MPO	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 27690

Title: Traffic Data Management and Reporting System

Region: Headquarters

Place Name: Statewide

Highway: N/A

Project Description:

This project will fund maintenance and operations of the current traffic data system, C2 Cloud. Scope of work includes: integration with the GIS linear referenced network; system upgrades (hardware & software); ongoing operational support and data migration; training; technical support; and system integration with other department applications in order to meet federal reporting requirements.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Other / Miscellaneous	NHPP	272,910	113,713	113,713	113,713	
Other / Miscellaneous	SM	27,090	11,287	11,287	11,287	
Totals:		300,000	125,000	125,000	125,000	100,000

Program: Required programs and Preventive Maintenance	Sponsor: _____
Primary Work: ITS	PEB Score: _____
2013 Election District: 99 Statewide	Criteria: _____
Borough/Census Area: Various Boroughs	Functional Class: N/A
Municipal Planning Org. (MPO): non-MPO	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 27969

Title: Bus and Bus Facilities

Region: Headquarters

Place Name: Statewide

Highway: N/A

Project Description:

FTA Section 5339 formula monies available for capital expenses for eligible rural and small urban public transit systems. Projects are determined through a statewide competitive grant application process.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Multi-Phase Activity	3PF	1,079,065	875,000	918,750	918,750	
Multi-Phase Activity	5339	5,395,325	3,500,000	3,675,000	3,675,000	
Totals:		6,474,390	4,375,000	4,593,750	4,593,750	4,593,750

Program: Required programs and Preventive Maintenance	Sponsor: _____
Primary Work: Transit	PEB Score: _____
2013 Election District: 99 Statewide	Criteria: _____
Borough/Census Area: Various Boroughs	Functional Class: N/A
Municipal Planning Org. (MPO): not identified	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 28309

Title: IWAYS Architecture Update

Region: Headquarters

Place Name: Statewide

Highway: N/A

Project Description:

This project will fund reviewing and updating necessary sections of the Alaska Iways Architecture. The update is required to ensure that ADOT&PF continues to meet and conform to the National ITS requirements. The existing Alaska Iways Architecture, last updated in 2008, will be reviewed and updated using consulting services to ensure ADOT&PF is using the latest ITS Architecture framework, and incorporating the updated processes and flows in the revised National ITS Architecture. This update will also ensure ADOT&PF is complying with the current systems engineering requirements and corresponding ITS Systems Engineering Checklist.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Other / Miscellaneous	SM	2,258	2,258	2,258	0	
Other / Miscellaneous	STP	22,742	22,742	22,742	0	
Totals:		25,000	25,000	25,000	0	0

Program: Required programs and Preventive Maintenance	Sponsor: _____
Primary Work: ITS	PEB Score: _____
2013 Election District: 99 Statewide	Criteria: _____
Borough/Census Area: Various Boroughs	Functional Class: N/A
Municipal Planning Org. (MPO): not identified	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 28310

Title: 511 Phone and Web Enhancements

Region: Headquarters

Place Name: Statewide

Highway: N/A

Project Description:

This project will fund planned and unplanned enhancements and system integration for the 511 phone, public website, entry tool system and Apps. Planned enhancements include: real-time traffic speed reporting, real-time information from external sensors and additional cameras as they become available. This project will fund purchasing the GPS components for portable message boards necessary to integrate signs with the 511 map.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Other / Miscellaneous	NHPP	90,970	90,970	68,228	90,970	
Other / Miscellaneous	SM	9,030	9,030	6,772	9,030	
Totals:		100,000	100,000	75,000	100,000	200,000

Program: Required programs and Preventive Maintenance	Sponsor: _____
Primary Work: ITS	PEB Score: _____
2013 Election District: 99 Statewide	Criteria: _____
Borough/Census Area: Various Boroughs	Functional Class: N/A
Municipal Planning Org. (MPO): not identified	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 28311

Title: Traveler Information Systems Marketing

Region: Headquarters

Place Name: Statewide

Highway: N/A

Project Description:

This project will fund marketing Alaskas road weather information systems, the 511 phone, website, smartphone apps, and social media utilities. This will also include public outreach and education, training, marketing materials, media kits and consultant services.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Other / Miscellaneous	SM	2,257	2,257	2,257	2,257	
Other / Miscellaneous	STP	22,743	22,743	22,743	22,743	
Totals:		25,000	25,000	25,000	25,000	25,000

Program: Required programs and Preventive Maintenance	Sponsor: _____
Primary Work: ITS	PEB Score: _____
2013 Election District: 99 Statewide	Criteria: _____
Borough/Census Area: Various Boroughs	Functional Class: N/A
Municipal Planning Org. (MPO): not identified	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 28809

Title: Statewide Highway Data Equipment Acquisition and Installation

Region: Headquarters

Place Name: Statewide

Highway: N/A

Project Description:

This project will fund the permanent and short term count equipment necessary to meet the State's federally required traffic monitoring program. Scope of work includes: design and install; purchase of equipment such as traffic data counters, cameras, computers, and software; and, IT needs for data collection, communications, and software.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Multi-Phase Activity	NHPP	45,845	318,395	318,395	318,395	
Multi-Phase Activity	SM	4,515	31,605	31,605	31,605	
Totals:		50,360	350,000	350,000	350,000	350,000

Program: Required programs and Preventive Maintenance	Sponsor: _____
Primary Work: ITS	PEB Score: _____
2013 Election District: 99 Statewide	Criteria: _____
Borough/Census Area: Various Boroughs	Functional Class: N/A
Municipal Planning Org. (MPO): non-MPO	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 29429

Title: Alaska Historic Roads Eligibility Planning

Region: Headquarters

Place Name: Statewide

Highway: N/A

Project Description:

Fund National Register of Historic Places eligibility determinations for selected roads for advance planning purposes and develop management plans for eligible historic roads. The project tiers off efforts accomplished under the Programmatic Agreement regarding Alaska's Highway System Roads Affected by the Federal-Aid Highway Program (Alaska Road PA), which developed a historic overview of Alaskas roads and a methodology for evaluating their National Register eligibility. The project would apply that methodology to selected roads and the historic road management plans will recommend practices consistent with the needs of transportation and historic preservation.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Other / Miscellaneous	SM	15,803	0	0	0	
Other / Miscellaneous	STP	159,197	0	0	0	
	Totals:	175,000	0	0	0	0

Program: Required programs and Preventive Maintenance	Sponsor: _____
Primary Work: Planning	PEB Score: _____
2013 Election District: 99 Statewide	Criteria: _____
Borough/Census Area: Various Boroughs	Functional Class: N/A
Municipal Planning Org. (MPO): not identified	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 29910

Title: Weigh-In-Motion Maintenance & Operations

Region: Headquarters

Place Name: Statewide

Highway: N/A

Project Description:

Maintain, operate and enhance the current network of weigh-in-motion equipment, communications, software, databases, and data visualization and reporting tools.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Design	NHPP	0	9,097	0	0	
Design	SM	0	903	0	0	
Construction	NHPP	0	200,000	0	0	
Construction	SM	0	18,060	0	0	
Other / Miscellaneous	NHPP	336,589	763,529	454,850	454,850	
Other / Miscellaneous	SM	33,411	68,946	45,150	45,150	
Totals:		370,000	1,060,535	500,000	500,000	500,000

Program: Required programs and Preventive Maintenance	Sponsor: Jennifer Anderson
Primary Work: ITS	PEB Score: _____
2013 Election District: 99 Statewide	Criteria: _____
Borough/Census Area: Various Boroughs	Functional Class: N/A
Municipal Planning Org. (MPO): non-MPO	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 30269

Title: Cultural Resources Liaison

Region: Headquarters

Place Name: Statewide

Highway: N/A

Project Description:

Streamline project delivery by funding Federal and State resource agency liaison positions dedicated to working on Alaska Department of Transportation and Public Facilities (DOT&PF) projects. This project will fund a Cultural Resources Liaison between DOT&PF and the Department of Natural Resources, Alaska Division of Parks and Outdoor Recreation/Office of History and Archaeology (OHA) to improve and more efficiently streamline the review process of projects through Section 106 of the National Historic Preservation Act of 1966, as amended (36 CFR 800 Protection of Historic Properties)

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Other / Miscellaneous	SM	14,900	15,351	15,351	15,351	
Other / Miscellaneous	STP	150,100	154,649	154,649	154,649	
Totals:		165,000	170,000	170,000	170,000	170,000

Program: Required programs and Preventive Maintenance	Sponsor: _____
Primary Work: Planning	PEB Score: _____
2013 Election District: 99 Statewide	Criteria: _____
Borough/Census Area: Various Boroughs	Functional Class: N/A
Municipal Planning Org. (MPO): non-MPO	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 30398

Title: Electronic Environmental Compliance System

Region: Headquarters

Place Name: Statewide

Highway: N/A

Project Description:

Develop and deploy a software solution to accommodate environmental document development and compliance oversight for all NEPA approvals, environmental permits, conditions and commitments for DOT&PF constructed projects, from pre-construction through construction completion, as required by federal and state laws and regulations. This software solution will support environmental document development, approval, permitting, inspection and reporting compliance workflows for DOT&PF preconstruction and construction staff and contract partners.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Other / Miscellaneous	SM	30,000	0	0	0	
Other / Miscellaneous	STP	120,000	0	0	0	
Totals:		150,000	0	0	0	0

Program: Required programs and Preventive Maintenance	Sponsor: _____
Primary Work: Planning	PEB Score: _____
2013 Election District: 99 Statewide	Criteria: _____
Borough/Census Area: Various Boroughs	Functional Class: N/A
Municipal Planning Org. (MPO): non-MPO	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 30689

Title: Statewide Transportation Alternatives Program (TAP)

Region: Headquarters

Place Name: Statewide

Highway: N/A

Project Description:

The FAST Act eliminates the MAP-21 Transportation Alternatives Program (TAP) and replaces it with a set-aside of Surface Transportation Block Grant (STBG) program funding for transportation alternatives (TA). These set-aside funds include all projects and activities that were previously eligible under TAP, encompassing a variety of smaller-scale transportation projects such as pedestrian and bicycle facilities, recreational trails, safe routes to school projects, community improvements such as historic preservation and vegetation management, and environmental mitigation related to stormwater and habitat connectivity. All TA projects to be funded through a competitive process.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Multi-Phase Activity	3PF	45,150	135,450	45,150	45,150	
Multi-Phase Activity	TAP	454,850	1,364,550	454,850	454,850	
Totals:		500,000	1,500,000	500,000	500,000	10,498,782

Program: Transportation Alternatives Program	Sponsor: _____
Primary Work: Transportation Enhancements	PEB Score: _____
2013 Election District: 99 Statewide	Criteria: _____
Borough/Census Area: Various Boroughs	Functional Class: N/A
Municipal Planning Org. (MPO): not identified	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 32438

Title: eWORX Federal Aid System Regulatory Implementation

Region: Headquarters

Place Name: Statewide

Highway: N/A

Project Description:

This project entails the implementation of and updates to the State of Alaska DOT&PF Federal Aid System(s) to meet regulatory requirements, processes, best practices, and guidance. The Federal Aid system is used to compile all project data into a federally recognized format, syntax, and meeting all federal requirements for reimbursement. Implementation work includes, but is not limited to, system workflows, automation and interfacing, data & analytics, business and regulatory rules and scrubbing, etc.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Other / Miscellaneous	NHPP	136,455	272,910	136,455	90,970	
Other / Miscellaneous	SM	13,545	27,090	13,545	9,030	
Totals:		150,000	300,000	150,000	100,000	450,000

Program: Required programs and Preventive Maintenance	Sponsor: _____
Primary Work: Planning	PEB Score: _____
2013 Election District: 99 Statewide	Criteria: _____
Borough/Census Area: Various Boroughs	Functional Class: N/A
Municipal Planning Org. (MPO): not identified	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 29675

Title: OHA AHRS/IBS Development

Region: Headquarters

Place Name: Various

Highway: N/A

Project Description:

Development and maintenance of the Office of History and Archaeology (OHA) online database for cultural resource management known as the Alaska Heritage Resources Survey/Integrated Business System (AHRS/IBS). The AHRS is a restricted inventory of all reported prehistoric, archaeological, and historic sites within the State of Alaska. The database provides DOT&PF with easy on-line access to known cultural resource information. Work will include database programming and data entry and management.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Multi-Phase Activity	SM	23,930	23,930	23,930	23,930	
Multi-Phase Activity	STP	241,070	241,070	241,070	241,070	
Totals:		265,000	265,000	265,000	265,000	265,000

Program: Required programs and Preventive Maintenance	Sponsor: _____
Primary Work: Planning	PEB Score: _____
2013 Election District: 99 Statewide	Criteria: _____
Borough/Census Area: Various Boroughs	Functional Class: N/A
Municipal Planning Org. (MPO): non-MPO	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 31089
Title: Locomotive Equipment
Region: Headquarters
Place Name: Various
Highway: N/A

Project Description:
 Locomotive equipment rehabilitation.



Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Multi-Phase Activity	3PF	65,000	45,000	30,000	80,000	
Multi-Phase Activity	5307RR	260,000	0	0	190,000	
Multi-Phase Activity	5337GR	0	180,000	120,000	120,000	
Totals:		325,000	225,000	150,000	390,000	500,000

Program: Required programs and Preventive Maintenance	Sponsor: _____
Primary Work: Railroad	PEB Score: _____
2013 Election District: 99 Statewide	Criteria: _____
Borough/Census Area: Various Boroughs	Functional Class: N/A
Municipal Planning Org. (MPO): not identified	

**Technical Correction
Approved August 4, 2021**

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 31090
Title: Transit Asset Management
Region: Headquarters
Place Name: Various
Highway: N/A

Project Description:
 Transit asset management program development and improvements.



Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Multi-Phase Activity	3PF	15,000	0	80,000	110,000	
Multi-Phase Activity	5307RR	1,450,000	0	0	0	
Multi-Phase Activity	5337GR	0	0	320,000	425,000	
Totals:		1,465,000	0	400,000	535,000	1,500,000

Program: Required programs and Preventive Maintenance	Sponsor: _____
Primary Work: Railroad	PEB Score: _____
2013 Election District: 99 Statewide	Criteria: _____
Borough/Census Area: Various Boroughs	Functional Class: N/A
Municipal Planning Org. (MPO): non-MPO	

**Technical Correction
Approved August 4, 2021**

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 31091
Title: Radio and Communication System
Region: Headquarters
Place Name: Various
Highway: N/A

Project Description:
 Replace, upgrade or improve radio and communication locations, systems or components.



Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Multi-Phase Activity	3PF	32,000	15,000	30,000	40,000	
Multi-Phase Activity	5307RR	605,000	0	50,000	100,000	
Multi-Phase Activity	5337GR	50,000	50,000	50,000	50,000	
Totals:		687,000	65,000	130,000	190,000	300,000

Program: Required programs and Preventive Maintenance	Sponsor: _____
Primary Work: Railroad	PEB Score: _____
2013 Election District: 99 Statewide	Criteria: _____
Borough/Census Area: Various Boroughs	Functional Class: N/A
Municipal Planning Org. (MPO): non-MPO	

**Technical Correction
Approved August 4, 2021**

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 31470

Title: Connected - Autonomous Vehicle Planning

Region: Headquarters

Place Name: Various

Highway: N/A

Project Description:

Planning and development for autonomous and connected vehicles.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Other / Miscellaneous	SM	2,461	2,461	2,258	2,258	
Other / Miscellaneous	STP	24,797	24,797	22,743	22,743	
Totals:		27,258	27,258	25,001	25,001	25,000

Program: Required programs and Preventive Maintenance	Sponsor: _____
Primary Work: ITS	PEB Score: _____
2013 Election District: 99 Statewide	Criteria: _____
Borough/Census Area: Various Boroughs	Functional Class: N/A
Municipal Planning Org. (MPO): non-MPO	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 31657
Title: CP LED Signal Upgrade
Region: Headquarters
Place Name: Various
Highway: N/A

Project Description:
 Upgrade/replace train control point signals.



Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Multi-Phase Activity	3PF	38,000	38,000	0	0	
Multi-Phase Activity	5307RR	150,000	150,000	0	0	
Totals:		188,000	188,000	0	0	0

Program: Required programs and Preventive Maintenance	Sponsor: _____
Primary Work: Railroad	PEB Score: _____
2013 Election District: 99 Statewide	Criteria: _____
Borough/Census Area: Various Boroughs	Functional Class: N/A
Municipal Planning Org. (MPO): not identified	

**Technical Correction
Approved August 4, 2021**



**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 31658

Title: 4thGen Traveler Information Syst

Region: Headquarters

Place Name: Various

Highway: N/A

Project Description:

Funding will cover the design and deployment of a 4thGen Traveler Information System. This includes a new responsive public website, 511.alaska.gov, smartphone apps for android and iOS, an internal reporting system, and two phone systems for the public: dial 5-1-1 for highway reports and dial 800-642-0066 for AMHS schedules and reservations).

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Other / Miscellaneous	NHPP	227,425	0	0	0	
Other / Miscellaneous	SM	22,575	0	0	0	
	Totals:	250,000	0	0	0	0

Program: Required programs and Preventive Maintenance	Sponsor: _____
Primary Work: ITS	PEB Score: _____
2013 Election District: 99 Statewide	Criteria: _____
Borough/Census Area: Various Boroughs	Functional Class: N/A
Municipal Planning Org. (MPO): not identified	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 31899

Title: Alaska DOT Civil Rights Disparity Study

Region: Headquarters

Place Name: Various

Highway: N/A

Project Description:

The US DOT has ordered Alaska (and other states) to complete a study comparing gender and racial business groups that participate in transportation contracting, services, and airport concessions to the market share for those firms. As a result of this study, Alaska must devise DBE (Disadvantaged Business Enterprises) goals according to the results from this study. This action has been ordered as a direct consequence of a legal decision in Washington State; Western States Paving Case.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Totals:		0	0	0	0	800,000

Program: Required programs and Preventive Maintenance	Sponsor: _____
Primary Work: Planning	PEB Score: _____
2013 Election District: 99 Statewide	Criteria: _____
Borough/Census Area: Various Boroughs	Functional Class: N/A
Municipal Planning Org. (MPO): non-MPO	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 31918

Title: Pavement Design Software Upgrade

Region: Headquarters

Place Name: Various

Highway: N/A

Project Description:

Funding will cover the upgrade of the Alaska Flexible Pavement Design (AKFPD) software to a web-based software, easily accessible for designers without the need for software installation, and without the risk of accessibility and Windows operating system issues. This includes the configuration and calibration of the AKFPD by (1) validating existing workflows and standards, (2) basic workflow analysis and design to implement the upgrade, (3) field non-destructive pavement testing and analysis to obtain pavement layer/material stiffness values, (4) update the layer/material properties database within the software using the in-situ stiffness values, (5) development and QC testing, (6) Beta testing and refinement, and (7) training and deployment of the web portal.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Other / Miscellaneous	SM	66,641	0	0	0	
Other / Miscellaneous	STP	671,359	0	0	0	
Totals:		738,000	0	0	0	0

Program: Required programs and Preventive Maintenance	Sponsor: _____
Primary Work: Planning	PEB Score: _____
2013 Election District: 99 Statewide	Criteria: _____
Borough/Census Area: Various Boroughs	Functional Class: N/A
Municipal Planning Org. (MPO): not identified	
Performance Measures: N/A	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 31920

Title: AASHTOWare Implementation

Region: Headquarters

Place Name: Various

Highway: N/A

Project Description:

This project entails the statewide implementation of the interactive AASHTOWare Project Preconstruction, Bids, Civil Rights & Labor Management, Construction & Materials, Estimation, and Data Analytics modules. The AASHTOWare Project suite of software is to be used by all sections, regions, and Statewide entities of Alaska DOT&PF.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Other / Miscellaneous	ACC	-454,850	-454,850	0	0	
Other / Miscellaneous	NHPP	454,850	0	1,128,028	1,482,811	
Other / Miscellaneous	SM	0	135,450	111,972	147,189	
Other / Miscellaneous	STP	0	1,819,400	0	0	
	Totals:	0	1,500,000	1,240,000	1,630,000	500,000

Program: Required programs and Preventive Maintenance	Sponsor: _____
Primary Work: Planning	PEB Score: _____
2013 Election District: 99 Statewide	Criteria: _____
Borough/Census Area: Various Boroughs	Functional Class: N/A
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: N/A	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 32321

Title: Statewide Long Range Transportation Policy Plan 2045 & State Freight Plan

Region: Headquarters

Place Name: Various

Highway: N/A

Project Description:

Update the Statewide Long Range Transportation Policy Plan for target year 2045 and the State Freight Plan. This project is required by 23 CFR 450.216 and 49 USC 70202 and will be managed by the Program Development Division.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Planning & Research	PLNG	1,200,000	0	0	0	
Planning & Research	SM	300,000	0	0	0	
Totals:		1,500,000	0	0	0	0

Program: Required programs and Preventive Maintenance	Sponsor: _____
Primary Work: Planning	PEB Score: _____
2013 Election District: 99 Statewide	Criteria: _____
Borough/Census Area: Various Boroughs	Functional Class: N/A
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: N/A	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 32478

Title: ADA Implementation and Compliance Monitoring

Region: Headquarters

Place Name: Various

Highway: N/A

Project Description:

This project will provide for the implementation stage of the ADA Transition Plan and monitoring of all implementation aspects to assure ADA specifications are met, when feasible. As part of the compliance monitoring, outdated/compromised data will be removed or repaired and location information will be entered in a geospatial database to indicate locations that are in need of proper pedestrian facilities and/or alterations. This database will continue to serve the Civil Rights Office ADA team as a tool for planning, maintenance, preconstruction, and construction.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Other / Miscellaneous	SM	7,675	7,675	7,675	7,675	
Other / Miscellaneous	STP	77,325	77,325	77,325	77,325	
Totals:		85,000	85,000	85,000	85,000	170,000

Program: Required programs and Preventive Maintenance	Sponsor: _____
Primary Work: Planning	PEB Score: _____
2013 Election District: 99 Statewide	Criteria: _____
Borough/Census Area: Various Boroughs	Functional Class: N/A
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: N/A	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 32658
Title: Seward Freight Dock Expansion and Airport Connector Road
Region: Headquarters
Place Name: Various
Highway: N/A

Project Description:
 Improve Seward Marine Terminal freight dock and provide road improvements.



Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Multi-Phase Activity	3PF	5,500,000	0	0	0	
Multi-Phase Activity	GRANT	19,800,000	0	0	0	
Totals:		25,300,000	0	0	0	0

Program: Required programs and Preventive Maintenance	Sponsor: _____
Primary Work: Railroad	PEB Score: _____
2013 Election District: 29 North Kenai	Criteria: _____
Borough/Census Area: Various Boroughs	Functional Class: LOCAL
Municipal Planning Org. (MPO): not identified	

**Technical Correction
Approved August 4, 2021**

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 32684

Title: FTA LoNo Emissions grant funding to purchase electric buses and charge stations

Region: Headquarters

Place Name: Various

Highway: N/A

Project Description:

FTA Section 5339 (c) LoNo Emissions grant funding to purchase/upgrade facilities, electric buses and charge stations for eligible rural public transit systems. Projects are determined through a national competitive grant application process.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Multi-Phase Activity	3PF	529,412	529,412	529,412	529,412	
Multi-Phase Activity	5339	3,000,000	3,000,000	3,000,000	3,000,000	
Totals:		3,529,412	3,529,412	3,529,412	3,529,412	3,529,412

Program: Required programs and Preventive Maintenance	Sponsor: _____
Primary Work: Transit	PEB Score: _____
2013 Election District: 99 Statewide	Criteria: _____
Borough/Census Area: Various Boroughs	Functional Class: N/A
Municipal Planning Org. (MPO): not identified	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 32685

Title: Bus and Bus Facilities, Rural and Small Urban

Region: Headquarters

Place Name: Various

Highway: N/A

Project Description:

FTA Section 5339(b) discretionary monies are available for capital expenses for eligible rural and small urban public transit systems. Projects are determined through a national competitive grant application process.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Multi-Phase Activity	3PF	529,412	529,412	529,412	529,412	
Multi-Phase Activity	5339	3,000,000	3,000,000	3,000,000	3,000,000	
	Totals:	3,529,412	3,529,412	3,529,412	3,529,412	3,529,412

Program: Required programs and Preventive Maintenance	Sponsor: _____
Primary Work: Transit	PEB Score: _____
2013 Election District: 99 Statewide	Criteria: _____
Borough/Census Area: Various Boroughs	Functional Class: N/A
Municipal Planning Org. (MPO): not identified	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 33078
Title: Portage Station Improvements
Region: Headquarters
Place Name: Various
Highway: N/A

Project Description:
 Railroad, roadway, and pedestrian improvements, including interpretive / educational information of the Chugach National Forest.



Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Multi-Phase Activity	3PF	64,000	260,000	72,500	176,000	
Multi-Phase Activity	5307RR	256,000	1,040,000	0	0	
Multi-Phase Activity	FLAP	0	0	730,000	1,770,000	
Totals:		320,000	1,300,000	802,500	1,946,000	0

Program: Required programs and Preventive Maintenance	Sponsor: _____
Primary Work: Railroad	PEB Score: _____
2013 Election District: 99 Statewide	Criteria: _____
Borough/Census Area: Various Boroughs	Functional Class: N/A
Municipal Planning Org. (MPO): not identified	

**Technical Correction
Approved August 4, 2021**

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 33098

Title: Statewide Functional Class Update

Region: Headquarters

Place Name: Various

Highway: N/A

Project Description:

Funds the decennial statewide functional classification review and reclassification of Alaska's public roads.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Other / Miscellaneous	PLNG	0	136,455	136,455	136,455	
Other / Miscellaneous	SM	0	13,545	13,545	13,545	
Totals:		0	150,000	150,000	150,000	25,000

Program: Required programs and Preventive Maintenance	Sponsor:
Primary Work: Planning	PEB Score:
2013 Election District: 99 Statewide	Criteria:
Borough/Census Area: Various Boroughs	Functional Class:
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: N/A	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 33243
Title: Signal and Detector System
Region: Headquarters
Place Name: Various
Highway: N/A



Project Description:
 Replace or upgrade in-track detector and at-grade signal systems equipment and communication components.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Multi-Phase Activity	3PF	0	0	12,500	12,500	
Multi-Phase Activity	5307RR	1,050,000	0	0	0	
Multi-Phase Activity	5337GR	0	0	50,000	50,000	
Totals:		1,050,000	0	62,500	62,500	75,000

Program: Required programs and Preventive Maintenance	Sponsor: _____
Primary Work: Railroad	PEB Score: _____
2013 Election District: 99 Statewide	Criteria: _____
Borough/Census Area: Various Boroughs	Functional Class: N/A
Municipal Planning Org. (MPO): not identified	

**Technical Correction
Approved August 4, 2021**

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 33244
Title: Technology Infrastructure
Region: Headquarters
Place Name: Various
Highway: N/A

Project Description:
 Replace or upgrade technology and networking hardware, software, and connectivity components.



Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Multi-Phase Activity	3PF	0	0	0	12,500	
Multi-Phase Activity	5307RR	1,625,000	0	0	0	
Multi-Phase Activity	5337GR	0	0	0	50,000	
Totals:		1,625,000	0	0	62,500	50,000

Program: Required programs and Preventive Maintenance	Sponsor: _____
Primary Work: Railroad	PEB Score: _____
2013 Election District: 99 Statewide	Criteria: _____
Borough/Census Area: Various Boroughs	Functional Class: N/A
Municipal Planning Org. (MPO): not identified	

**Technical Correction
Approved August 4, 2021**

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 33245
Title: Facility Rehabilitation
Region: Headquarters
Place Name: Various
Highway: N/A

Project Description:
 Replace, repair, or upgrade buildings and related functional appurtenances.



Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Multi-Phase Activity	3PF	0	0	25,000	12,500	
Multi-Phase Activity	5307RR	160,000	0	0	0	
Multi-Phase Activity	5337GR	0	0	100,000	50,000	
Totals:		160,000	0	125,000	62,500	50,000

Program: Required programs and Preventive Maintenance	Sponsor: _____
Primary Work: Railroad	PEB Score: _____
2013 Election District: 99 Statewide	Criteria: _____
Borough/Census Area: Various Boroughs	Functional Class: N/A
Municipal Planning Org. (MPO): not identified	

**Technical Correction
Approved August 4, 2021**

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 33246
Title: Operations Support Facilities
Region: Headquarters
Place Name: Various
Highway: N/A

Project Description:
 Relocate or install facilities to support rail operations and maintenance.



Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Multi-Phase Activity	3PF	0	0	90,000	0	
Multi-Phase Activity	5307RR	450,000	0	0	0	
Multi-Phase Activity	5337GR	0	0	360,000	0	
Totals:		450,000	0	450,000	0	50,000

Program: Required programs and Preventive Maintenance	Sponsor: _____
Primary Work: Railroad	PEB Score: _____
2013 Election District: 99 Statewide	Criteria: _____
Borough/Census Area: Various Boroughs	Functional Class: N/A
Municipal Planning Org. (MPO): not identified	

**Technical Correction
Approved August 4, 2021**

Alaska Marine Highway System Projects

The projects in this section are grouped alphabetically by place name then numerically by need ID number. If you have questions about projects in this section, please contact the Marine

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Email: cisco.flores@alaska.gov

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 28789

Title: AMHS Gustavus Ferry Terminal Modifications

Region: Marine Highways

Place Name: Gustavus

Highway: Marine Highway

Project Description:

Reconfigure existing ferry terminal and multi-use dock facility to accommodate a bridge lift system, improve vehicle access and provide separated ferry terminal and harbor access.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Construction	FBF	640,000	0	0	0	
Construction	SM	160,000	0	0	0	
Utilities	FBF	84,000	0	0	0	
Utilities	SM	21,000	0	0	0	
Totals:		905,000	0	0	0	0

Program: Alaska Highway System	Sponsor: _____
Primary Work: Ferry Boats	PEB Score: _____
2013 Election District: 33 Downtown Juneau/Douglas/Haines/Skagway	Criteria: _____
Borough/Census Area: Unorganized Borough	Functional Class: MAJOR COLLECTOR
Municipal Planning Org. (MPO): not identified	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 29709

Title: Auke Bay Ferry Terminal Modification and Improvements

Region: Marine Highways

Place Name: Juneau

Highway: Marine Highway

Project Description:

Reconfigure the existing stern berth facility to accommodate the Alaska Class Ferry vessel.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Design	FBF	160,000	0	0	0	
Design	SM	40,000	0	0	0	
Construction	FBF	4,640,000	0	0	0	
Construction	SM	1,160,000	0	0	0	
Totals:		6,000,000	0	0	0	0

Program: Alaska Highway System	Sponsor: _____
Primary Work: Ferry Boats	PEB Score: _____
2013 Election District: 34 Mendenhall Valley	Criteria: _____
Borough/Census Area: Juneau, City and Borough of	Functional Class: PRINCIPAL ARTERIAL - OTHER
Municipal Planning Org. (MPO): not identified	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 31922

Title: Auke Bay Ferry Terminal Building Refurbishment

Region: Marine Highways

Place Name: Juneau

Highway: Marine Highway

Project Description:

Refurbish the existing Auke Bay Ferry Terminal building structure.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Design	FBF	120,000	0	0	0	
Design	SM	30,000	0	0	0	
Construction	FBF	0	504,000	0	0	
Construction	SM	0	126,000	0	0	
Totals:		150,000	630,000	0	0	0

Program:	Required programs and Preventive Maintenance	Sponsor:	
Primary Work:	Reconstruction	PEB Score:	
2013 Election District:	34 Mendenhall Valley	Criteria:	
Borough/Census Area:	Juneau, City and Borough of	Functional Class:	PRINCIPAL ARTERIAL - OTHER
Municipal Planning Org. (MPO):	non-MPO		
Performance Measures:	N/A		

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 31098

Title: Ketchikan Ferry Terminal Improvements Stage II

Region: Marine Highways

Place Name: Ketchikan

Highway: Marine Highway

Project Description:

This project will remedy structural and operational deficiencies at the Ketchikan AMHS Ferry Terminal. This project will replace and refurbish existing vessel mooring and berthing structures, provide a new mooring dolphin structure and construct upland access and terminal building improvements. Stage 1 of 2 stage project (NID 27450)

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Construction	AC	0	2,400,000	0	0	
Construction	ACC	0	0	-1,200,000	-1,200,000	
Construction	FBF	0	0	1,200,000	1,200,000	
Construction	SM	0	600,000	0	0	
Totals:		0	3,000,000	0	0	0

Program: Alaska Highway System	Sponsor: _____
Primary Work: Reconstruction	PEB Score: _____
2013 Election District: 36 Ketchikan/Wrangell/Metlakatla/Hydaburg	Criteria: _____
Borough/Census Area: Ketchikan Gateway Borough	Functional Class: PRINCIPAL ARTERIAL - OTHER
Municipal Planning Org. (MPO): not identified	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 13883

Title: Skagway Terminal Modifications

Region: Marine Highways

Place Name: Skagway

Highway: Marine Highway

Project Description:

Replace existing mooring float and transfer bridge, refurbish existing side berth mooring structures and construct new mooring structures to provide end berth for Alaska Class Ferry vessels.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Design	3PF	0	45,150	0	0	
Design	FBF	0	400,000	0	0	
Design	SM	0	54,850	0	0	
Right of Way	3PF	0	9,030	0	0	
Right of Way	FBF	0	80,000	0	0	
Right of Way	SM	0	10,970	0	0	
Construction	3PF	0	1,986,600	0	0	
Construction	AC	0	17,600,000	0	0	
Construction	ACC	0	0	-8,800,000	-8,800,000	
Construction	FBF	0	0	8,800,000	8,800,000	
Construction	SM	0	2,413,400	0	0	
Totals:		0	22,600,000	0	0	0

Program: Alaska Highway System	Sponsor: ADOT/PF
Primary Work: Ferry Boats	PEB Score: _____
2013 Election District: 33 Downtown Juneau/Douglas/Haines/Skagway	Criteria: _____
Borough/Census Area: Skagway, Municipality and Borough	Functional Class: PRINCIPAL ARTERIAL - OTHER
Municipal Planning Org. (MPO): non-MPO	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 5985

Title: Shoreside Facilities Condition Survey

Region: Marine Highways

Place Name: Statewide

Highway: Marine Highway

Project Description:

Conduct and document shoreside facilities condition surveys.

Prepare annual survey updates.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Other / Miscellaneous	FBF	0	240,000	0	240,000	
Other / Miscellaneous	SM	0	60,000	0	60,000	
Totals:		0	300,000	0	300,000	300,000

Program: Alaska Highway System	Sponsor: DOT&PF
Primary Work: Planning	PEB Score: _____
2013 Election District: 99 Statewide	Criteria: _____
Borough/Census Area: Various Boroughs	Functional Class: PRINCIPAL ARTERIAL - OTHER
Municipal Planning Org. (MPO): non-MPO	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 6413

Title: Fleet Condition Survey Update

Region: Marine Highways

Place Name: Statewide

Highway: Marine Highway

Project Description:

Update AMHS fleet condition survey.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Other / Miscellaneous	FBF	400,000	400,000	400,000	400,000	
Other / Miscellaneous	SM	100,000	100,000	100,000	100,000	
Totals:		500,000	500,000	500,000	500,000	1,000,000

Program: Alaska Highway System	Sponsor: DOT&PF
Primary Work: Planning	PEB Score:
2013 Election District: 99 Statewide	Criteria:
Borough/Census Area: Various Boroughs	Functional Class: PRINCIPAL ARTERIAL - OTHER
Municipal Planning Org. (MPO): non-MPO	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 18358

Title: Ferry Refurbishment

Region: Marine Highways

Place Name: Statewide

Highway: Marine Highway

Project Description:

Annual ferry refurbishment, regulatory driven, dry-docking.
Address vessel refurbishment priorities as established in annual
AMHS Fleet Condition Survey Report.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Multi-Phase Activity	FBF	13,500,000	13,500,000	13,500,000	13,500,000	
Multi-Phase Activity	SM	3,375,000	3,375,000	3,375,000	3,375,000	
Totals:		16,875,000	16,875,000	16,875,000	16,875,000	33,750,000

Program: Alaska Highway System	Sponsor: ADOT/PF
Primary Work: Ferry Boats	PEB Score: _____
2013 Election District: 99 Statewide	Criteria: _____
Borough/Census Area: Various Boroughs	Functional Class: PRINCIPAL ARTERIAL - OTHER
Municipal Planning Org. (MPO): non-MPO	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 18359

Title: Design Construct Lease Purchase Ferryboats and Terminals

Region: Marine Highways

Place Name: Statewide

Highway: Marine Highway

Project Description:

Design/construct/lease/purchase ferryboats and terminals for AMHS.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Multi-Phase Activity	FBF	640,000	640,000	640,000	640,000	
Multi-Phase Activity	SM	160,000	160,000	160,000	160,000	
Totals:		800,000	800,000	800,000	800,000	1,600,000

Program: Alaska Highway System	Sponsor: ADOT/PF
Primary Work: Ferry Boats	PEB Score: _____
2013 Election District: 99 Statewide	Criteria: _____
Borough/Census Area: Various Boroughs	Functional Class: N/A
Municipal Planning Org. (MPO): non-MPO	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 30189

Title: AMHS Tustumena Replacement Vessel

Region: Marine Highways

Place Name: Statewide

Highway: Marine Highway

Project Description:

Construct a replacement ferry to service Southcentral and Southwest Alaska coastal communities.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Design	EMRK	7,500,000	0	0	0	
Design	OSF	1,875,000	0	0	0	
Totals:		9,375,000	0	0	0	238,144,450

Program: National Highway System	Sponsor: _____
Primary Work: Ferry Boats	PEB Score: _____
2013 Election District: 99 Statewide	Criteria: _____
Borough/Census Area: Various Boroughs	Functional Class: PRINCIPAL ARTERIAL - OTHER
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: N/A	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 30529

Title: AMHS Ferry Terminal Storage Tank Removal

Region: Marine Highways

Place Name: Statewide

Highway: Marine Highway

Project Description:

Remove and replace underground storage tanks at AMHS ferry terminals.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Construction	ACC	-850,003	0	0	0	
Construction	FBF	850,003	0	0	0	
Totals:		0	0	0	0	0

Program: Alaska Highway System	Sponsor: _____
Primary Work: Ferry Boats	PEB Score: _____
2013 Election District: 99 Statewide	Criteria: _____
Borough/Census Area: Various Boroughs	Functional Class: PRINCIPAL ARTERIAL - OTHER
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: N/A	

Central Region Projects

The projects in this section are grouped alphabetically by place name then numerically by need ID number. If you have questions about projects in this section, please contact the Central

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**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 31276

Title: Old Sterling Highway: Anchor River Bridge Replacement

Region: Central

Place Name: Anchor Point

Highway: N/A

Project Description:

Project consists of design effort to replace the Anchor River Bridge on the Old Sterling Highway.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Construction	BOND	8,310,000	0	0	0	
Construction	OSF	3,690,000	0	0	0	
Utilities	OSF	500,000	0	0	0	
Totals:		12,500,000	0	0	0	0

Program: National Highway System	Sponsor: _____
Primary Work: Bridge Replacement	PEB Score: _____
2013 Election District: 31 Homer/South Kenai	Criteria: _____
Borough/Census Area: Kenai Peninsula Borough	Functional Class: MINOR COLLECTOR
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: Bridge	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 6460

Title: AMATS CTP Program Allocation

Region: Central

Place Name: Anchorage

Highway: N/A

Project Description:

AMATS CTP Program Allocation. See AMATS TIP for projects.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Multi-Phase Activity	3PF	623,102	635,564	635,564	635,564	
Multi-Phase Activity	SM	1,869,304	1,906,690	1,906,690	1,906,690	
Multi-Phase Activity	STP	27,601,390	28,153,418	28,153,418	28,153,418	
Totals:		30,093,796	30,695,672	30,695,672	30,695,672	32,574,493

Program: Community Transportation Program	Sponsor: DOT&PF
Primary Work: System Preservation	PEB Score: 999
2013 Election District: 50 Anchorage Areawide	Criteria:
Borough/Census Area: Anchorage, Municipality of	Functional Class: N/A
Municipal Planning Org. (MPO): AMATS	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 9299

Title: AMATS CMAQ Allocation for Qualifying Air Quality
Projects

Region: Central

Place Name: Anchorage

Highway: N/A

Project Description:

This is an additional allocation for projects utilizing federal mandatory Congestion Mitigation and Air Quality Improvement (CMAQ) funding on qualifying projects.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Multi-Phase Activity	CMAQ-M	2,101,733	2,143,768	2,143,768	2,143,768	
Multi-Phase Activity	SM	209,642	213,835	213,835	213,835	
	Totals:	2,311,375	2,357,603	2,357,603	2,357,603	2,501,907

Program: Required programs and Preventive Maintenance	Sponsor: DOT&PF
Primary Work: Congestion	PEB Score: 999
2013 Election District: 50 Anchorage Areawide	Criteria:
Borough/Census Area: Anchorage, Municipality of	Functional Class: N/A
Municipal Planning Org. (MPO): AMATS	
Performance Measures: CMAQ, Travel Time	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 12641

Title: Seward Highway Mile Point 104-108.5 (Milepost 105-109.5)

Windy Corner to Rainbow Point

Region: Central

Place Name: Anchorage

Highway: Seward Highway

Project Description:

Construct safety and traffic flow improvements to the Seward Highway in the vicinity of Windy Corner and Rainbow Point. Project will address safety concerns due to wildlife viewing at Windy Corner. Scope includes highway improvements from MP 105 to MP 109.5; the railroad will be relocated as necessary.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Design	NHPP	0	286,556	1,364,550	1,819,400	
Design	SM	0	28,445	135,450	180,600	
Right of Way	NHPP	0	0	0	454,850	
Right of Way	SM	0	0	0	45,150	
Totals:		0	315,001	1,500,000	2,500,000	126,000,000

Program: National Highway System	Sponsor: DOT&PF
Primary Work: Reconstruction	PEB Score:
2013 Election District: 28 South Anchorage	Criteria: Urban and Rural
Borough/Census Area: Anchorage, Municipality of	Functional Class: INTERSTATE
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: Bridge, Safety, Travel Time	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 29730

Title: Seward Highway Dowling Road Interchange Rehabilitation

Region: Central

Place Name: Anchorage

Highway: Seward Highway

Project Description:

Project will improve the Dowling Road roundabouts, the associated highway ramps, and make other improvements as needed to enhance safety and increase traffic flow.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Construction	NHPP	0	33,048,282	0	0	
Construction	SM	0	3,280,488	0	0	
Utilities	NHPP	0	1,819,400	0	0	
Utilities	SM	0	180,600	0	0	
Totals:		0	38,328,770	0	0	0

Program: National Highway System	Sponsor: _____
Primary Work: Reconstruction	PEB Score: _____
2013 Election District: 17 University	Criteria: _____
Borough/Census Area: Anchorage, Municipality of	Functional Class: INTERSTATE
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: Safety, Travel Time	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 29731

Title: Seward Highway O'Malley Road to Dimond Boulevard
Reconstruction

Region: Central

Place Name: Anchorage

Highway: Seward Highway

Project Description:

This project funds the design and ROW purchase for the final segments of this project reconstructing the Seward Highway from Dimond Boulevard to O'Malley Road and includes an underpass to connect 92nd Avenue (west of the Seward Highway) with Academy Drive (east of the Seward Highway), and construction is funded under Need ID 30691.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Design	NHPP	2,501,675	1,591,975	0	0	
Design	SM	248,325	158,025	0	0	
Right of Way	ACC	-3,626,937	0	0	0	
Right of Way	NHPP	3,626,937	0	0	0	
Totals:		2,750,000	1,750,000	0	0	0

Program: National Highway System	Sponsor: _____
Primary Work: Reconstruction	PEB Score: _____
2013 Election District: 26 Huffman	Criteria: _____
Borough/Census Area: Anchorage, Municipality of	Functional Class: INTERSTATE
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: Freight Travel Time, Safety, Travel Time	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 30569

Title: Seward Highway Mile Point 76 - 81 (Milepost 77 to 81)

Placer River to Twenty Mile River

Region: Central

Place Name: Anchorage

Highway: Seward Highway

Project Description:

The project consists of final work to rehabilitate the Seward Highway including minor realignment and replacement of the following bridges: Placer River Overflow 0627, Placer River Main Cross 0629, Portage Creek 0630 & 0631, 20 Mile River 0634. (Parent Design project: NID 11925)

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Construction	AC	0	98,568,479	0	0	
Construction	ACC	0	0	0	-46,421,500	
Construction	NHPP	0	0	0	46,421,500	
Construction	SM	0	9,784,251	0	0	
Utilities	NHPP	0	1,944,043	0	0	
Utilities	SM	0	192,972	0	0	
Totals:		0	110,489,745	0	0	45,822,080

Program: National Highway System	Sponsor: _____
Primary Work: Reconstruction	PEB Score: _____
2013 Election District: 28 South Anchorage	Criteria: _____
Borough/Census Area: Kenai Peninsula Borough	Functional Class: INTERSTATE
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: Bridge, Pavement, Safety	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 30691

Title: Seward Highway O'Malley Road to Dimond Boulevard
Reconstruction Phase II

Region: Central

Place Name: Anchorage

Highway: Seward Highway

Project Description:

This is the second phase of the Seward Highway project, and will reconstructs the Seward Highway from Dimond Boulevard to O'Malley Road. Project includes an underpass to connect 92nd Avenue (west of the Seward Highway) with Academy Drive (east of the Seward Highway). The design is under Need ID 29731.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Totals:		0	0	0	0	105,000,000

Program: National Highway System	Sponsor: _____
Primary Work: Reconstruction	PEB Score: _____
2013 Election District: 26 Huffman	Criteria: _____
Borough/Census Area: Anchorage, Municipality of	Functional Class: INTERSTATE
Municipal Planning Org. (MPO): AMATS	
Performance Measures: Freight Travel Time, Pavement, Safety	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 31274

Title: Glenn Highway: Airport Heights to Parks Highway Rehabilitation

Region: Central

Place Name: Anchorage

Highway: Glenn Highway

Project Description:

Project consists of rehabilitation the Glenn Highway between Airport Heights and the Parks Highway to be coordinated with HSIP safety improvements.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Design	NHPP	0	1,000,670	0	0	
Design	SM	0	99,330	0	0	
Right of Way	AC	0	0	0	45,485	
Right of Way	SM	0	0	0	4,515	
Totals:		0	1,100,000	0	50,000	66,500,000

Program: National Highway System	Sponsor: _____
Primary Work: Reconstruction	PEB Score: _____
2013 Election District: 12 Chugiak/Gateway	Criteria: _____
Borough/Census Area: Anchorage, Municipality of	Functional Class: INTERSTATE
Municipal Planning Org. (MPO): AMATS	
Performance Measures: Pavement, Safety	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 32338

Title: Seward Highway Mile Point 98-105 (Milepost 99-105) Bird and Indian Improvements Stage 2

Region: Central

Place Name: Anchorage

Highway: Seward Highway

Project Description:

Design and construct Seward Highway improvements. Project includes passing lanes and bike/ped trail. Includes replacement of bridge over Indian Creek. This Need ID was created as the previous Need ID 12640 was used to construct the first segment of this project.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Construction	ACC	-7,604,111	0	0	0	
Construction	NHPP	7,604,111	0	0	0	
Utilities	ACC	-1,563,953	0	0	0	
Utilities	NHPP	1,563,953	0	0	0	
Totals:		0	0	0	0	0

Program: National Highway System	Sponsor: _____
Primary Work: New Construction	PEB Score: _____
2013 Election District: 28 South Anchorage	Criteria: _____
Borough/Census Area: Anchorage, Municipality of	Functional Class: INTERSTATE
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: N/A	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 32778

Title: Snow River Bridges Nonmotorized Pathway as Environmental Mitigation for Sterling Highway MP 45-60 Co

Region: Central

Place Name: Anchorage

Highway: Seward Highway

Project Description:

Project will construct a nonmotorized pathway to be attached to the Snow River Bridges on the Seward Highway. This projects is intended to mitigate the impacts associated with the Sterling Highway MP 45-60 Construction Projects (Need ID's 2673, 32300, 32319, 32682, 32683). Construction of the nonmotorized pathway will occur concurrent with and coordinated with the Seward Highway MP 17-22.5 Project (Need ID 2617) which includes sholuder widening to accomodate nonmotorized use.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Design	NHPP	136,455	0	0	0	
Design	SM	13,545	0	0	0	
Construction	NHPP	0	0	1,819,400	0	
Construction	SM	0	0	180,600	0	
Totals:		150,000	0	2,000,000	0	0

Program: National Highway System	Sponsor: _____
Primary Work: New Construction	PEB Score: _____
2013 Election District: 29 North Kenai	Criteria: _____
Borough/Census Area: Anchorage, Municipality of	Functional Class: INTERSTATE
Municipal Planning Org. (MPO): not identified	
Performance Measures: N/A	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 33044
Title: AMATS TA Allocation
Region: Central
Place Name: Anchorage
Highway: N/A

Project Description:
 AMATS Transportation Alternatives Program Allocation. See AMATS TIP for projects.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Multi-Phase Activity	3PF	209,148	209,148	209,148	209,148	
Multi-Phase Activity	TAP	836,594	836,594	836,594	836,594	
Totals:		1,045,742	1,045,742	1,045,742	1,045,742	0

Program: Transportation Alternatives Program	Sponsor: _____
Primary Work: New Construction	PEB Score: _____
2013 Election District: 50 Anchorage Areawide	Criteria: _____
Borough/Census Area: Anchorage, Municipality of	Functional Class: N/A
Municipal Planning Org. (MPO): not identified	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 33247

Title: Seward Highway MP 14 Railroad Crossing Reconstruction

Region: Central

Place Name: Anchorage

Highway: Seward Highway

Project Description:

Project will reconstruct ARRC undercrossing near Mile 14 of the Seward Highway to accommodate ARRC's project to elevate railroad track by 3 feet.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Design	NHPP	0	454,850	454,850	0	
Design	SM	0	45,150	45,150	0	
Utilities	NHPP	0	0	0	1,819,400	
Utilities	SM	0	0	0	180,600	
Totals:		0	500,000	500,000	2,000,000	20,000,000

Program:	National Highway System	Sponsor:	
Primary Work:	New Construction	PEB Score:	
2013 Election District:	29 North Kenai	Criteria:	
Borough/Census Area:	Kenai Peninsula Borough	Functional Class:	PRINCIPAL ARTERIAL - FREEWAY/EXPRESSWAY
Municipal Planning Org. (MPO):	not identified		
Performance Measures:	Safety		

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 2231

Title: Bethel Tundra Ridge Road

Region: Central

Place Name: Bethel

Highway:

Project Description:

Rehabilitate Tundra Ridge Road.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Design	SM	36,120	9,030	30,251	0	
Design	STP	363,880	90,970	304,749	0	
Right of Way	SM	0	0	54,631	0	
Right of Way	STP	0	0	550,369	0	
Construction	AC	0	0	5,822,080	0	
Construction	ACC	0	0	0	-5,822,080	
Construction	SM	0	0	577,920	5,822,080	
Utilities	SM	0	0	22,575	0	
Utilities	STP	0	0	227,425	0	
Totals:		400,000	100,000	7,590,000	0	0

Program: Community Transportation Program	Sponsor: City of Bethel
Primary Work: System Preservation	PEB Score: 199
2013 Election District: 38 Lower Kuskokwim	Criteria: Remote and Trails
Borough/Census Area: Bethel	Functional Class: MINOR COLLECTOR
Municipal Planning Org. (MPO): non-MPO	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 31847

Title: Bethel Chief Eddie Hoffman Highway Reconstruction

Region: Central

Place Name: Bethel

Highway: N/A

Project Description:

Rehabilitation of Chief Eddie Hoffman Highway from Airport to Watsons Corner including Roadside Hardware, Drainage Improvements, Intersection Improvements, ADA improvements (such as curb ramps and sidewalks), Right-Of-Way, and Utilities.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Design	SM	88,043	0	92,558	0	
Design	STP	886,958	0	932,443	0	
Right of Way	SM	0	0	0	180,600	
Right of Way	STP	0	0	0	1,819,400	
Totals:		975,001	0	1,025,001	2,000,000	33,500,000

Program: Alaska Highway System	Sponsor: _____
Primary Work: Reconstruction	PEB Score: _____
2013 Election District: 38 Lower Kuskokwim	Criteria: _____
Borough/Census Area: Bethel	Functional Class: MINOR ARTERIAL
Municipal Planning Org. (MPO): non-MPO	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 32728

Title: Akakeek, Ptarmigan, and DeLapp Streets -

Region: Central

Place Name: Bethel

Highway: N/A

Project Description:

This project will improve public safety, widen roads, level uneven road surfaces, and resolve drainage system inefficiencies that are causing road surface and shoulder erosion. The roads are located within high density subdivisions: Ouivik, Tundra Ridge, Ptarmigan, and the Martina Oscar, where many residents of the city live. The project area includes three local road segments: Akakeek Street from Ridgecrest Drive to Ptarmigan Street, DeLapp from Ptarmigan Street to Akakeek Street, and Ptarmigan Street from the Delapp Street intersection to the entrance of the Lulu Heron Congregate Home. The Alaska Department of Transportation and Public Facilities (DOT&PF), reports the Average Annual Daily Traffic (AADT) for Ptarmigan Street, Akakeek Street, and Delapp Streets as: 4,762, 4,268, and 1,067, respectively. Ptarmigan Street and Akakeek Street connect with Ridgecrest Drive, a state major collector that leads to the community center.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Design	3PF	0	38,378	38,378	0	
Design	STP	0	386,623	386,623	0	
Right of Way	3PF	0	0	9,030	0	
Right of Way	STP	0	0	90,970	0	
Totals:		0	425,001	525,001	0	6,321,000

Program: Community Transportation Program	Sponsor: _____
Primary Work: Reconstruction	PEB Score: _____
2013 Election District: 38 Lower Kuskokwim	Criteria: _____
Borough/Census Area: Bethel	Functional Class: LOCAL
Municipal Planning Org. (MPO): non-MPO	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 2320

Title: Glenn Highway Mile Point 45-49 (Milepost 53-56)

Reconstruction Moose Creek Canyon

Region: Central

Place Name: Central Region

Highway: Glenn Highway

Project Description:

Reconstruct approximately 3 miles of Glenn Highway, including replacement of the Moose Creek Bridge. Project straightens horizontal curve. Includes Bridge No. 0541 Moose Creek.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Design	NHPP	725,700	0	272,910	0	
Design	SM	72,035	0	27,090	0	
Right of Way	NHPP	2,729,100	0	0	0	
Right of Way	SM	270,900	0	0	0	
Construction	AC	0	0	0	29,552,250	
Construction	SM	0	0	0	2,947,750	
Utilities	NHPP	0	0	0	454,650	
Utilities	SM	0	0	0	45,350	
Totals:		3,797,735	0	300,000	33,000,000	29,552,250

Program: National Highway System	Sponsor: DOT&PF
Primary Work: Reconstruction	PEB Score:
2013 Election District: 9 Richardson Highway/East MatSu	Criteria:
Borough/Census Area: Matanuska - Susitna Borough	Functional Class: INTERSTATE
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: Bridge, Pavement, Safety	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 2481

Title: Seward Meridian Road Improvements

Region: Central

Place Name: Central Region

Highway: N/A

Project Description:

This is the final phase of the Seward Meridian Parkway project, and consists of upgrading Seward Meridian Road to four lanes with a center turn lane, and a pathway from Palmer-Wasilla Highway to Bogard Road and extend Seward Meridian Road to connect with Seldon Road including upgrading the existing 6/10ths of a mile of of the existing road serving Teeland Middle School, Mat-Su Career and Tech High School, and Fonteras K-8 school. Project also includes installation of signal at the intersection with Seldon Road.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Design	NHPP	0	227,425	0	0	
Design	SM	0	22,575	0	0	
Right of Way	ACC	-4,352,423	0	0	0	
Right of Way	STP	4,352,423	0	0	0	
Construction	AC	0	32,931,140	0	0	
Construction	ACC	0	0	-32,931,140	0	
Construction	SM	0	3,268,860	0	0	
Construction	STP	0	0	32,931,140	0	
Utilities	AC	0	7,459,540	0	0	
Utilities	ACC	0	0	-7,459,540	0	
Utilities	SM	0	740,460	0	0	
Utilities	STP	0	0	7,459,540	0	
Totals:		0	44,650,000	0	0	0

Program: Community Transportation Program	Sponsor: Matanuska - Susitna Borough
Primary Work: Reconstruction	PEB Score: 111.2
2013 Election District: 29 North Kenai	Criteria: Urban and Rural
Borough/Census Area: Matanuska - Susitna Borough	Functional Class: MINOR ARTERIAL
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: Safety, Travel Time	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 2617

Title: Seward Highway Mile Point 17-23 (Milepost 17-22.5)

Rehabilitation Snow River to Lawing

Region: Central

Place Name: Central Region

Highway: Seward Highway

Project Description:

Project will replace the bridge at Victor Creek (bridge no. 0607), rehabilitate both bridges over Snow River (bridge nos. 0605 & 0603), rehabilitate the roadway and may include widening shoulders and the construction of passing lanes where feasible. Project is coordinated with, and will include the construction of, nonmotorized pathway facilities on and adjacent to the Snow River Bridge being done as an environmental mitigation project (Need ID 32778) to offset the impacts of the Sterling Highway MP 45-60 Construction Projects (Need ID's 2673, 32300, 32319, 32682, 32683).

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Design	NHPP	0	109,164	0	0	
Design	SM	0	10,836	0	0	
Construction	AC	0	62,025,000	0	0	
Construction	ACC	0	0	-20,675,000	-20,675,000	
Construction	NHPP	0	0	20,675,000	20,675,000	
Construction	SFF	0	9,097,000	0	0	
Construction	SM	0	903,000	0	0	
Utilities	NHPP	0	2,025,902	0	0	
Utilities	SM	0	201,098	0	0	
Totals:		0	74,372,000	0	0	20,675,000

Program: National Highway System	Sponsor: DOT&PF
Primary Work: Bridge Rehabilitation	PEB Score: _____
2013 Election District: 29 North Kenai	Criteria: _____
Borough/Census Area: Kenai Peninsula Borough	Functional Class: PRINCIPAL ARTERIAL - OTHER
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: Bridge, Pavement, Safety	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 2620

Title: Seward Highway Mile Point 24-36 (Milepost 25-36)

Rehabilitation Moose Pass to Sterling Wye

Region: Central

Place Name: Central Region

Highway: Seward Highway

Project Description:

Rehabilitate roadway as needed. Project may include sight distance improvements and other safety improvements.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Right of Way	NHPP	0	591,045	0	0	
Right of Way	SM	0	58,955	0	0	
Construction	AC	0	0	0	38,207,400	
Construction	SM	0	0	0	3,792,600	
Utilities	NHPP	0	0	0	181,940	
Utilities	SM	0	0	0	18,060	
Totals:		0	650,000	0	42,200,000	38,207,400

Program: National Highway System	Sponsor: DOT&PF
Primary Work: System Preservation	PEB Score:
2013 Election District: 29 North Kenai	Criteria:
Borough/Census Area: Kenai Peninsula Borough	Functional Class: PRINCIPAL ARTERIAL - OTHER
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: Pavement, Safety	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 2670

Title: Sterling Highway Mile Point 116-129 (Milepost 157-169)

Rehabilitation Anchor Point to Baycrest Hill

Region: Central

Place Name: Central Region

Highway: Sterling Highway

Project Description:

Provide passing lanes, widening and realignment as needed to address safety and passing opportunities, and resurface pavement between Anchor Point and the top of Homer Hill. Also includes the replacement of bridge #666 and bridge #4020. Project will be coordinated with, and partially funded by, the Highway Safety Improvement Program.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Totals:		0	0	0	0	77,620,000

Program: National Highway System	Sponsor: DOT&PF
Primary Work: Reconstruction	PEB Score:
2013 Election District: 31 Homer/South Kenai	Criteria: Urban and Rural
Borough/Census Area: Kenai Peninsula Borough	Functional Class: PRINCIPAL ARTERIAL - OTHER
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: Bridge, Pavement, Safety	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 2673

Title: Sterling Hwy Mile Point 8-25 (Milepost 45-60) Sunrise Inn to Skilak Lake Road Construction

Region: Central

Place Name: Central Region

Highway: Sterling Highway

Project Description:

Construct and improve approximately 15 miles of two-lane highway, wildlife and pedestrian crossings, trailheads, a highway bridge over Juneau creek, and passing and climbing lanes where necessary. This is the overall design and right-of-way acquisition for the entire termini. Construction is expected to happen in multiple stages. This project Need ID includes funds that will be used for the final stage of construction. Additional Need ID's will be created as the construction stages move into the programmed years of the STIP.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Design	ACC	-6,488,544	-6,000,000	0	0	
Design	NHPP	6,488,544	15,097,000	1,819,400	1,819,400	
Design	SM	0	903,000	180,600	180,600	
Right of Way	AC	1,850,695	1,974,049	0	0	
Right of Way	ACC	0	-1,850,695	-909,700	0	
Right of Way	NHPP	0	1,850,695	909,700	0	
Right of Way	SM	183,705	195,951	0	0	
Totals:		2,034,400	12,170,000	2,000,000	2,000,000	36,200,000

Program: National Highway System	Sponsor: DOT&PF
Primary Work: New Construction	PEB Score:
2013 Election District: 29 North Kenai	Criteria: Urban and Rural
Borough/Census Area: Kenai Peninsula Borough	Functional Class: INTERSTATE
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: Bridge, Freight Travel Time, Safety	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 6087

Title: Highway Safety Improvement Program/Safety Management

Region: Central

Place Name: Central Region

Highway: N/A

Project Description:

HSIP Management, studies and responses on safety-related issues.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Other / Miscellaneous	SA	607,500	607,500	607,500	607,500	
Other / Miscellaneous	SM	67,500	67,500	67,500	67,500	
Totals:		675,000	675,000	675,000	675,000	1,350,000

Program: Required programs and Preventive Maintenance	Sponsor: DOT&PF
Primary Work: Safety	PEB Score: _____
2013 Election District: 92 Central Region	Criteria: _____
Borough/Census Area: Various Boroughs	Functional Class: N/A
Municipal Planning Org. (MPO): non-MPO	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 11925

Title: Seward Hwy Mile Point 74-90 (Milepost 75-90) Ingram Creek to Girdwood Rd and Bridge Rehabilitation

Region: Central

Place Name: Central Region

Highway: Seward Highway

Project Description:

The project includes rehabilitation of the highway including passing lanes, and parking accommodations from just north of Twenty Mile River to the Alyeska Highway and construction of three replacement bridges within this segment at Glacier Creek (bridge #639), Virgin Creek(bridge #638), and Petersen Creek (bridge #636). Project also includes rehabilitation of three miles of highway near the southern termini of the Project including construction of passing lanes and the rehabilitation of the Ingram Creek Bridge near the southern termini of the project. Final construction of middle segment will occur as project Need ID 30569.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Construction	ACC	-17,209,754	0	0	0	
Construction	NHPP	17,209,754	0	0	0	
Totals:		0	0	0	0	0

Program: National Highway System	Sponsor: ADOT&PF
Primary Work: Reconstruction	PEB Score:
2013 Election District: 28 South Anchorage	Criteria: Urban and Rural
Borough/Census Area: Anchorage, Municipality of	Functional Class: INTERSTATE
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: Bridge, Pavement, Safety	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 18924

Title: Pavement and Bridge Preservation

Region: Central

Place Name: Central Region

Highway: N/A

Project Description:

Crack sealing, surface treatment drainage, signage, guardrail, illumination, and other refurbishments to prolong the life of road pavement and bridges and their safety related structures. Project includes NHS Lane Delineators, Destination & Distance Signing, Pavement Markings and Signalization, Abandoned Vehicle Program, Road Surfacing and Transfer, Road Surface Treatments, and improve curb ramps to meet ADA standards (in coordination with Need ID 30397). The scope does not include landscaping or other elements inconsistent with a pavement preservation focus.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Multi-Phase Activity	NHPP	32,748,200	32,748,200	32,748,200	32,748,200	
Multi-Phase Activity	SM	4,876,200	5,056,800	5,056,800	5,056,800	
Multi-Phase Activity	STP	16,375,600	18,195,000	18,195,000	18,195,000	
Totals:		54,000,000	56,000,000	56,000,000	56,000,000	120,000,000

Program: Required programs and Preventive Maintenance	Sponsor: AKDOTPF
Primary Work: System Preservation	PEB Score:
2013 Election District: 92 Central Region	Criteria:
Borough/Census Area: Various Boroughs	Functional Class: N/A
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: Bridge, Pavement	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 28089

Title: Glenn Highway Mile Point 59 - 85 (Milepost 66.5 to 92)

Rehabilitation

Region: Central

Place Name: Central Region

Highway: Glenn Highway

Project Description:

This project is the design effort for rehabilitation of the Glenn Highway from King River to Cascade. Actual construction work is being staged under separate projects identified elsewhere in the STIP as Need ID's 29930, 29931, 30396, and 31493, except for the final stage of Construction from Milepost 66.5 to 70 which is shown here after 2023.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Design	NHPP	0	1,364,550	1,819,400	2,274,250	
Design	SM	0	135,450	180,600	225,750	
Totals:		0	1,500,000	2,000,000	2,500,000	69,890,000

Program: National Highway System	Sponsor: _____
Primary Work: System Preservation	PEB Score: _____
2013 Election District: 9 Richardson Highway/East MatSu	Criteria: _____
Borough/Census Area: Matanuska - Susitna Borough	Functional Class: Interstate
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: Pavement, Safety	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 29736

Title: Parks Highway Mile Point 13-18 (MP 48.8 to MP 52.3)

Pittman Road to Big Lake Road Reconstruction

Region: Central

Place Name: Central Region

Highway: Parks Highway

Project Description:

Widen Parks Highway to four lanes with attendant traffic and safety improvements between Pittman Road and Big Lake Cutoff. Project is coordinated with HSIP safety improvements.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Construction	AC	23,199,883	0	0	0	
Construction	ACC	0	-23,199,883	0	0	
Construction	EMRK	4,326,928	23,199,883	0	0	
Construction	NHPP	19,097,000	0	0	0	
Construction	SM	4,646,189	0	0	0	
Utilities	NHPP	7,864,357	0	0	0	
Utilities	SM	780,644	0	0	0	
Totals:		59,915,001	0	0	0	0

Program: National Highway System	Sponsor:
Primary Work: New Construction	PEB Score:
2013 Election District: 8 Big Lake/Point Mackenzie	Criteria:
Borough/Census Area: Matanuska - Susitna Borough	Functional Class: INTERSTATE
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: Freight Travel Time, Pavement, Safety	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 29911

Title: Vine Road Improvements Knik-Goosebay Road to Hollywood Blvd.

Region: Central

Place Name: Central Region

Highway: N/A

Project Description:

Project will rehabilitate the existing two-lane rural road from the Hollywood Boulevard to Knik-Goose Bay Road. The road will be designed to accommodate ongoing traffic growth. Scope includes repairing roadbed, drainage improvements, repaving, pedestrian accommodations and possible HSIP safety improvements.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Design	SM	40,184	18,060	0	0	
Design	STP	404,816	181,940	0	0	
Right of Way	SM	0	0	135,450	0	
Right of Way	STP	0	0	1,364,550	0	
Construction	AC	0	0	0	5,640,140	
Construction	SM	0	0	0	559,860	
Utilities	SM	0	0	0	207,690	
Utilities	STP	0	0	0	2,092,310	
Totals:		445,000	200,000	1,500,000	8,500,000	5,640,140

Program: Alaska Highway System	Sponsor: _____
Primary Work: System Preservation	PEB Score: _____
2013 Election District: 8 Big Lake/Point Mackenzie	Criteria: _____
Borough/Census Area: Matanuska - Susitna Borough	Functional Class: MINOR ARTERIAL
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: Safety, Travel Time	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 29914

Title: Parks Highway Mile Point 63-128 (Milepost 99 to 163)

Drainage and Culvert Improvements

Region: Central

Place Name: Central Region

Highway: Parks Highway

Project Description:

Project will construct improvements to drainage including culvert repair, replacement, and new installations, as necessary to provide for adequate drainage.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Totals:		0	0	0	0	29,500,000

Program: National Highway System	Sponsor: _____
Primary Work: System Preservation	PEB Score: _____
2013 Election District: 10 Rural MatSu	Criteria: _____
Borough/Census Area: Matanuska - Susitna Borough	Functional Class: INTERSTATE
Municipal Planning Org. (MPO): not identified	
Performance Measures: Pavement	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 29931

Title: Glenn Highway Rehabilitation Mile Point 70-77 (Milepost 79-84.5)

Region: Central

Place Name: Central Region

Highway: Glenn Highway

Project Description:

Improve alignment and mitigate rockfall. Project design efforts under parent project Need ID 28089

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Totals:		0	0	0	0	39,692,000

Program: National Highway System	Sponsor: _____
Primary Work: Reconstruction	PEB Score: _____
2013 Election District: 9 Richardson Highway/East MatSu	Criteria: _____
Borough/Census Area: Matanuska - Susitna Borough	Functional Class: INTERSTATE
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: Freight Travel Time, Safety	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 31270

Title: Parks Highway: Houston to Willow Rehabilitation

Region: Central

Place Name: Central Region

Highway: Parks Highway

Project Description:

Project consist of rehabilitation of the highway including any needed safety and capacity improvements to the Parks Highway between Houston and Willow.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Design	NHPP	545,820	454,850	0	0	
Design	SM	54,180	45,150	0	0	
Totals:		600,000	500,000	0	0	19,700,000

Program: National Highway System	Sponsor: _____
Primary Work: Reconstruction	PEB Score: _____
2013 Election District: 10 Rural MatSu	Criteria: _____
Borough/Census Area: Matanuska - Susitna Borough	Functional Class: INTERSTATE
Municipal Planning Org. (MPO): not identified	
Performance Measures: Bridge, Pavement, Safety	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 31493

Title: Kings River Bridge Replacement

Region: Central

Place Name: Central Region

Highway: Glenn Highway

Project Description:

Replace Kings River Bridge on Glenn Highway.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Construction	AC	0	14,604,760	0	0	
Construction	SM	0	1,032,240	0	0	
Utilities	NHPP	0	90,970	0	0	
Utilities	SM	0	9,030	0	0	
Totals:		0	15,737,000	0	0	14,604,760

Program: National Highway System	Sponsor: _____
Primary Work: Bridge Replacement	PEB Score: _____
2013 Election District: 9 Richardson Highway/East MatSu	Criteria: _____
Borough/Census Area: Matanuska - Susitna Borough	Functional Class: INTERSTATE
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: Pavement	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 29930

Title: Glenn Highway Rehabilitation Long Lake Section: Mile Point 76-85 (Milepost 84.5 to 92)

Region: Central

Place Name: Chickaloon

Highway: Glenn Highway

Project Description:

Improve alignment and mitigate rockfall. Project design efforts under parent project Need ID 28089.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Totals:		0	0	0	0	136,386,000

Program: National Highway System	Sponsor: _____
Primary Work: Reconstruction	PEB Score: _____
2013 Election District: 9 Richardson Highway/East MatSu	Criteria: _____
Borough/Census Area: Matanuska - Susitna Borough	Functional Class: INTERSTATE
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: Safety	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 33242

Title: Sterling Hwy Mile Point 8-25 (Milepost 45-60) Sunrise Inn to Skilak Lake Rd JNU Creek Bridge Con

Region: Central

Place Name: Cooper Landing

Highway: Sterling Highway

Project Description:

This project funding is for the initial grading and drainage work for state 3 (new highway alignment east of Juneau Creek) and stage 4 (new highway alignment west of Juneau Creek). Project also includes foundation work for the new highway bridge over Juneau Creek.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Construction	AC	0	0	93,502,605	0	
Construction	ACC	0	0	0	-93,502,605	
Construction	NHPP	0	0	0	93,502,605	
Construction	SM	0	0	9,281,395	0	
Utilities	AC	0	909,700	0	0	
Utilities	ACC	0	0	-909,700	0	
Utilities	NHPP	0	0	909,700	0	
Utilities	SM	0	90,300	0	0	
Totals:		0	1,000,000	102,784,000	0	0

Program: National Highway System	Sponsor: _____
Primary Work: New Construction	PEB Score: _____
2013 Election District: 29 North Kenai	Criteria: _____
Borough/Census Area: Kenai Peninsula Borough	Functional Class: INTERSTATE
Municipal Planning Org. (MPO): not identified	
Performance Measures: Bridge	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 23197

Title: Homer Lake Street Rehabilitation

Region: Central

Place Name: Homer

Highway: N/A

Project Description:

Rehabilitate pavement of approximately 0.47 miles, construct a sidewalk on both sides of the road, improve the intersection at Pioneer to enhance safety, and provide drainage improvements. Lake Street is located in downtown Homer, between the Sterling Highway and Pioneer Avenue.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Construction	SM	669,123	0	0	0	
Construction	STP	6,740,877	0	0	0	
Utilities	SM	67,725	0	0	0	
Utilities	STP	682,275	0	0	0	
Totals:		8,160,000	0	0	0	0

Program: Community Transportation Program	Sponsor: City of Homer
Primary Work: Reconstruction	PEB Score: 155
2013 Election District: 31 Homer/South Kenai	Criteria: Urban and Rural
Borough/Census Area: Kenai Peninsula Borough	Functional Class: MAJOR COLLECTOR
Municipal Planning Org. (MPO): not identified	
Performance Measures: Safety	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 23207

Title: Kenai Beaver Loop Road Improvement and Pedestrian Pathway

Region: Central

Place Name: Kenai

Highway: N/A

Project Description:

Resurface existing Beaver Loop Roadway, add paved shoulders and separated pedestrian pathway. Length is approx 3.75 miles. The City of Kenai will assume ownership and maintenance of this state owned facility upon project completion.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Construction	ACC	0	-9,734,655	0	0	
Construction	STP	0	9,734,655	0	0	
Utilities	ACC	-1,387,860	0	0	0	
Utilities	STP	1,387,860	0	0	0	
Totals:		0	0	0	0	0

Program: Community Transportation Program	Sponsor: City of Kenai
Primary Work: Reconstruction	PEB Score:
2013 Election District: 30 Kenai/Soldotna	Criteria:
Borough/Census Area: Kenai Peninsula Borough	Functional Class: MAJOR COLLECTOR
Municipal Planning Org. (MPO): not identified	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 32300

Title: Sterling Hwy Mile Point 8-25 (Milepost 45-60) Sunrise Inn to Skilak Lake Road Construction Stage 1

Region: Central

Place Name: Kenai

Highway: Sterling Highway

Project Description:

This is the initial construction phase of the parent project, Need ID 2673. This initial construction project consists of environmental mitigation efforts, advance clearing of entire Sterling Highway (MP 45-60) project corridor. Also includes work on the existing Sterling Highway alignment near Cooper Landing at approximately MP 44.5 to 46.5 in FFY2022.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Construction	AC	24,107,050	0	40,936,500	0	
Construction	ACC	0	-24,107,050	0	0	
Construction	NHPP	0	26,381,300	0	0	
Construction	SM	2,392,950	225,750	4,063,500	0	
Utilities	NHPP	0	909,700	0	0	
Utilities	SM	0	90,300	0	0	
Totals:		26,500,000	3,500,000	45,000,000	0	40,936,500

Program: National Highway System	Sponsor: _____
Primary Work: New Construction	PEB Score: _____
2013 Election District: 29 North Kenai	Criteria: _____
Borough/Census Area: Kenai Peninsula Borough	Functional Class: INTERSTATE
Municipal Planning Org. (MPO): not identified	
Performance Measures: N/A	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 32319

Title: Sterling Hwy Mile Point 8-25 (Milepost 45-60) Sunrise Inn to Skilak Lake Road Con New Hwy Alignment

Region: Central

Place Name: Kenai

Highway: Sterling Highway

Project Description:

This is the second construction phase of the parent project, Need ID 2673 to construct new two-lane highway with 12-foot driving lanes, paved shoulders and passing and climbing lanes where necessary. This project is also associated with Need ID 33242.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Construction	NHPP	0	50,747,292	0	0	
Construction	SM	0	5,037,353	0	0	
Utilities	NHPP	0	9,097,000	0	0	
Utilities	SM	0	903,000	0	0	
Totals:		0	65,784,645	0	0	0

Program: National Highway System	Sponsor: _____
Primary Work: New Construction	PEB Score: _____
2013 Election District: 29 North Kenai	Criteria: _____
Borough/Census Area: Kenai Peninsula Borough	Functional Class: INTERSTATE
Municipal Planning Org. (MPO): not identified	
Performance Measures: N/A	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 32682

Title: Sterling Hwy Mile Point 8-25 (Milepost 45-60) Sunrise Inn to Skilak Lake Road Construction Stage 3

Region: Central

Place Name: Kenai

Highway: Sterling Highway

Project Description:

This is the main construction phase of the new highway alignment EAST of Juneau Creek connecting back to the existing Sterling Highway. Work includes completing the buildup of the highway roadbed, and construction of wildlife and pedestrian crossings and trailheads. This child project is part of the overall parent project effort, Need ID 2673 (to construct new two-lane Sterling Highway route in vicinity of Cooper Landing). This project is also associated with other child projects Need ID's 32300, 32319, and 32683.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Construction	AC	0	0	20,013,400	0	
Construction	SM	0	0	1,986,600	0	
Totals:		0	0	22,000,000	0	20,013,400

Program: National Highway System	Sponsor: _____
Primary Work: New Construction	PEB Score: _____
2013 Election District: 29 North Kenai	Criteria: _____
Borough/Census Area: Kenai Peninsula Borough	Functional Class: INTERSTATE
Municipal Planning Org. (MPO): not identified	
Performance Measures: N/A	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 32683

Title: Sterling hwy Mile Point 8-25 (Milepost 45-60) Sunrise Inn to Skilak Lake Road Construction Stage 4

Region: Central

Place Name: Kenai

Highway: Sterling Highway

Project Description:

This is the main construction phase of the new highway alignment WEST of Juneau Creek connecting back to the existing Sterling Highway. Work includes completing the buildup of the highway roadbed, and construction of wildlife and pedestrian crossings and trailheads. This child project is part of the overall parent project effort, Need ID 2673 (to construct new two-lane Sterling Highway route in vicinity of Cooper Landing). This project is also associated with other child projects Need ID's 32300, 32319, and 32682.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Construction	AC	0	0	0	134,635,600	
Construction	SM	0	0	0	13,364,400	
Totals:		0	0	0	148,000,000	134,635,600

Program: National Highway System	Sponsor: _____
Primary Work: New Construction	PEB Score: _____
2013 Election District: 29 North Kenai	Criteria: _____
Borough/Census Area: Kenai Peninsula Borough	Functional Class: INTERSTATE
Municipal Planning Org. (MPO): not identified	
Performance Measures: N/A	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 33038

Title: Kenai Bridge Access Road Pedestrian Pathway

Region: Central

Place Name: Kenai

Highway: N/A

Project Description:

Construct approximately 1.3 mile paved and separated pathway along the Bridge Access Road from intersection with Beaver Loop Road to intersection with the Kenai Spur Highway.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Design	3PF	0	46,861	0	0	
Design	TAP	0	472,078	0	0	
Construction	3PF	0	0	237,210	0	
Construction	TAP	0	0	2,389,690	0	
Utilities	3PF	0	0	10,878	0	
Utilities	TAP	0	0	109,585	0	
Totals:		0	518,939	2,747,363	0	0

Program: Transportation Alternatives Program	Sponsor: _____
Primary Work: New Construction	PEB Score: _____
2013 Election District: 30 Kenai/Soldotna	Criteria: _____
Borough/Census Area: Kenai Peninsula Borough	Functional Class: N/A
Municipal Planning Org. (MPO): not identified	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 33039

Title: Kenai River Flats Facility Improvements

Region: Central

Place Name: Kenai

Highway: N/A

Project Description:

Construct a walkway along the banks of the Kenai River for ADA compliant access to the Kenai River. Install interpretive signage.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Design	3PF	0	45,016	0	0	
Design	TAP	0	453,497	0	0	
Construction	3PF	0	0	253,282	0	
Construction	ILLU	0	0	499,790	0	
Construction	TAP	0	0	2,051,816	0	
Totals:		0	498,513	2,804,888	0	0

Program: Transportation Alternatives Program	Sponsor: _____
Primary Work: New Construction	PEB Score: _____
2013 Election District: 30 Kenai/Soldotna	Criteria: _____
Borough/Census Area: Kenai Peninsula Borough	Functional Class: N/A
Municipal Planning Org. (MPO): non-MPO	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 33249

Title: Napakiak Multi-Modal Study

Region: Central

Place Name: Napakiak

Highway: N/A

Project Description:

A multi-modal study to evaluate the public transportation options for the village of Napakiak. The community is seeking to relocate due to accelerating coastal erosion. The study will focus on construction of a road between Napakiak to Bethel and relocation of the community's airport. Results from the study would identify potential road alignments, potential airport locations, and provide high level costs estimates for construction and annual maintenance for both modes. A new community site must be formally selected before the study can begin

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Other / Miscellaneous	SM	0	0	45,150	0	
Other / Miscellaneous	STP	0	0	454,850	0	
Totals:		0	0	500,000	0	0

Program: Aviation	Sponsor: _____
Primary Work: Other	PEB Score: _____
2013 Election District: 38 Lower Kuskokwim	Criteria: _____
Borough/Census Area: Bethel	Functional Class: N/A
Municipal Planning Org. (MPO): not identified	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 31898

Title: Nelson Island Accessibility & Transportation Infrastructure
Viability Enhancement (NATIVE)

Region: Central

Place Name: Nelson Island

Highway: N/A

Project Description:

This TIGER grant will construct approximately 21 miles of multimodal trails comprised of above ground, synthetic Geocell mats with an open configuration to protect native vegetation, including necessary fish culverts and bridges, connecting Toksook Bay to Nightmute and Unkumiut.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Multi-Phase Activity	3PF	100,000	0	0	0	
Multi-Phase Activity	TIGER	10,176,835	0	0	0	
Totals:		10,276,835	0	0	0	0

Program:	Required programs and Preventive Maintenance	Sponsor:	Nunakauyarmiut Tribe
Primary Work:	New Construction	PEB Score:	
2013 Election District:	32 Kodiak/Cordova/Seldovia	Criteria:	
Borough/Census Area:	Bethel	Functional Class:	N/A
Municipal Planning Org. (MPO):	non-MPO		
Performance Measures:	N/A		

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 31329

Title: Glenn Highway: South Inner Springer Loop (Cienna Avenue) to Old Glenn Highway

Region: Central

Place Name: Palmer

Highway: Glenn Highway

Project Description:

Reconstruct to four lanes, pathway and shoulders. Accommodate turning movements, add frontage roads, traffic, safety, and intersection improvements, as necessary and feasible. This project is the first segment of the Parent Design project Need ID 11959 the Glenn Highway: Parks Highway to Old Glenn Highway and is also associated with Need ID 31330.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Construction	ACC	-14,412,880	-14,412,880	0	0	
Construction	NHPP	14,412,880	14,412,880	0	0	
Totals:		0	0	0	0	0

Program: National Highway System	Sponsor: _____
Primary Work: New Construction	PEB Score: _____
2013 Election District: 11 Greater Palmer	Criteria: _____
Borough/Census Area: Matanuska - Susitna Borough	Functional Class: INTERSTATE
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: Pavement, Safety, Travel Time	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 31330

Title: Glenn Highway: Parks Highway to South Inner Springer Loop (Cienna Avenue)

Region: Central

Place Name: Palmer

Highway: Glenn Highway

Project Description:

Reconstruct to four lanes, pathway and shoulders. Accommodate turning movements, add frontage roads, traffic, safety, and intersection improvements, as necessary and feasible. This project is the second segment of the Parent Design project Need ID 11959 the Glenn Highway: Parks Highway to Old Glenn Highway and is also associated with Need ID 31329.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Construction	AC	0	0	34,750,540	0	
Construction	SM	0	0	3,449,460	0	
Utilities	AC	0	0	9,187,970	0	
Utilities	SM	0	0	912,030	0	
Totals:		0	0	48,300,000	0	43,938,510

Program: National Highway System	Sponsor: _____
Primary Work: New Construction	PEB Score: _____
2013 Election District: 11 Greater Palmer	Criteria: _____
Borough/Census Area: Matanuska - Susitna Borough	Functional Class: INTERSTATE
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: Pavement, Safety, Travel Time	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 32721

Title: Hemmer Road Upgrade and Extension

Region: Central

Place Name: Palmer

Highway: N/A

Project Description:

The Project will extend and upgrade approximately 0.50 miles of Hemmer Road from the Palmer-Wasilla Highway to Bogard Road consisting of two travel lanes and a center turn lane.

Improvements include a traffic signal at the Bogard Road intersection, shoulders, pedestrian and bicycle infrastructure, drainage and safety items.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Design	3PF	0	0	141,341	141,670	
Design	STP	0	0	288,659	289,330	
Right of Way	3PF	0	0	0	159,420	
Right of Way	STP	0	0	0	325,581	
Totals:		0	0	430,000	916,001	4,513,000

Program: Community Transportation Program	Sponsor: _____
Primary Work: Reconstruction	PEB Score: _____
2013 Election District: 11 Greater Palmer	Criteria: _____
Borough/Census Area: Matanuska - Susitna Borough	Functional Class: MINOR ARTERIAL
Municipal Planning Org. (MPO): not identified	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 32724

Title: Seldon Road Upgrade and Extension
Seldon Road Upgrade and Extension

Region: Central

Place Name: Palmer

Highway: N/A

Project Description:

The project extends Seldon Road on a new alignment to the north from its current terminus at Beverly Lake Road (a residential subdivision road) and connect to Pittman Road. Project development includes completion of design and right-of-way along with full construction of a new arterial level facility with separated bike path.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Design	3PF	0	395,300	0	0	
Design	STP	0	604,700	0	0	
Totals:		0	1,000,000	0	0	9,373,000

Program: Community Transportation Program	Sponsor: _____
Primary Work: Reconstruction	PEB Score: _____
2013 Election District: 8 Big Lake/Point Mackenzie	Criteria: _____
Borough/Census Area: Matanuska - Susitna Borough	Functional Class: MINOR ARTERIAL
Municipal Planning Org. (MPO): non-MPO	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 29913

Title: Sterling Safety Corridor Improvements Mile Point 45 - 58
(Milepost 82.5 to 94)

Region: Central

Place Name: Soldotna

Highway: Sterling Highway

Project Description:

Projects consists of expanding the highway from Soldotna to Sterling as a 4 lane highway. Also included are a pathway and HSIP funded safety improvements such as continuous illumination, medians, and center turn lanes.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Design	NHPP	0	0	5,913,050	0	
Design	SM	0	0	586,950	0	
Totals:		0	0	6,500,000	0	76,900,000

Program: National Highway System	Sponsor: _____
Primary Work: New Construction	PEB Score: _____
2013 Election District: 29 North Kenai	Criteria: _____
Borough/Census Area: Kenai Peninsula Borough	Functional Class: INTERSTATE
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: Freight Travel Time, Pavement, Safety	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 30549

Title: Kenai Spur Road Rehabilitation Stage 2

Region: Central

Place Name: Soldotna

Highway: N/A

Project Description:

Rehabilitate 5.7 miles of the Kenai Spur Highway between Soldotna and Kenai to increase capacity and improve safety. Project will be constructed in two phases. This second phase will construct a 5-lane highway to increase capacity and improve safety from Sports Lake Road to Robin Street. Federal funds will supplement GO Bonds to complete the improvement (see NID 27473).

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Design	NHPP	0	545,820	0	0	
Design	SM	0	54,180	0	0	
Construction	NHPP	0	1,091,640	27,291,000	0	
Construction	SM	0	108,360	2,709,000	0	
Utilities	BOND	0	480,391	0	0	
Utilities	NHPP	0	3,456,860	909,700	0	
Utilities	SM	0	343,140	90,300	0	
Totals:		0	6,080,391	31,000,000	0	0

Program: National Highway System	Sponsor: _____
Primary Work: New Construction	PEB Score: _____
2013 Election District: 30 Kenai/Soldotna	Criteria: _____
Borough/Census Area: Kenai Peninsula Borough	Functional Class: PRINCIPAL ARTERIAL - OTHER
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: Freight Travel Time, Safety, Travel Time	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 32723

Title: Redoubt Avenue and Smith Way Rehabilitation

Region: Central

Place Name: Soldotna

Highway: N/A

Project Description:

Project will repave and improve part of Redoubt Ave, a Soldotna owned road, continuing to where it becomes Smith Way, a State owned road, at Sterling Hwy. This is primarily an asset management project. Project will rehabilitate sidewalks and bring into ADA compliance. This roadway provides an important bypass to the busy intersection of Kenai Spur Highway (NHPP) and Sterling Highway (Interstate). For travelers going south from Kenai or east from Soldotna this could be an important alternative when the intersection at Sterling Highway is compromised by traffic, crashes and emergency events.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Design	3PF	0	40,003	31,244	0	
Design	STP	0	402,997	314,756	0	
Right of Way	3PF	0	0	36,120	0	
Right of Way	STP	0	0	363,880	0	
Totals:		0	443,000	746,000	0	4,413,000

Program: Community Transportation Program	Sponsor: _____
Primary Work: Reconstruction	PEB Score: _____
2013 Election District: 30 Kenai/Soldotna	Criteria: _____
Borough/Census Area: Kenai Peninsula Borough	Functional Class: MINOR COLLECTOR
Municipal Planning Org. (MPO): not identified	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 33040

Title: Soldotna Community Connections and ADA Improvements

Region: Central

Place Name: Soldotna

Highway: N/A

Project Description:

Provide non-motorized connections between community assets and improve access to City facilities for those with disabilities.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Design	3PF	0	44,245	0	0	
Design	TAP	0	445,728	0	0	
Construction	3PF	0	0	117,003	0	
Construction	ILLU	0	0	442,907	0	
Construction	TAP	0	0	735,797	0	
Utilities	3PF	0	0	3,264	0	
Utilities	TAP	0	0	32,875	0	
Totals:		0	489,973	1,331,846	0	0

Program: Transportation Alternatives Program	Sponsor: _____
Primary Work: New Construction	PEB Score: _____
2013 Election District: _____	Criteria: _____
Borough/Census Area: Kenai Peninsula Borough	Functional Class: N/A
Municipal Planning Org. (MPO): not identified	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 26124

Title: Gold Creek Bridge and Tatalina Bridge Replacement

Region: Central

Place Name: Takotna

Highway: N/A

Project Description:

Replace existing 1972 bridge over Gold Creek (bridge #0473) and raise the elevation of the approaches and replacement bridge to allow flood water and ice flow. Project also includes replacement of Tatalina Bridge (bridge #0462).

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Right of Way	SM	0	2,258	0	0	
Right of Way	STP	0	22,743	0	0	
Construction	AC	0	0	4,093,650	0	
Construction	SM	0	0	406,350	0	
Utilities	SM	0	0	22,575	0	
Utilities	STP	0	0	227,425	0	
Totals:		0	25,001	4,750,000	0	4,093,650

Program: Community Transportation Program	Sponsor:
Primary Work: Bridge Replacement	PEB Score: 360
2013 Election District: 37 Bristol Bay/Aleutians/Upper Kuskokwim	Criteria: Remote and Trails
Borough/Census Area: Wade-Hampton	Functional Class: MINOR COLLECTOR
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: Bridge	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 32299

Title: Takotna River Bridge Replacment

Region: Central

Place Name: Takotna

Highway: N/A

Project Description:

Replace existing 80 year old bridge over the Takotna River (bridge #0464), that is severely weight restricted.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Right of Way	SFF	9,097	0	0	0	
Right of Way	SM	903	0	0	0	
Construction	SFF	0	0	8,187,300	0	
Construction	SM	0	0	812,700	0	
Totals:		10,000	0	9,000,000	0	0

Program: Community Transportation Program	Sponsor: _____
Primary Work: Bridge Replacement	PEB Score: _____
2013 Election District: 37 Bristol Bay/Aleutians/Upper Kuskokwim	Criteria: _____
Borough/Census Area: Yukon-Koyukuk	Functional Class: MINOR COLLECTOR
Municipal Planning Org. (MPO): non-MPO	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 30389

Title: Central Region ITS Repair and Upgrade Project

Region: Central

Place Name: Various

Highway: N/A

Project Description:

Purchase, install, repair, replace, redeploy, operate, and maintain, as allowed by ITS regulations, traffic signal, traveler information, traffic incident management, and illumination, and other Intelligent Transportation Systems (ITS) equipment and activities, improving operations such as remote operation of traffic signals, provide traveler information via changeable message signs and 511, and energy/cost saving in roadway illumination.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Multi-Phase Activity	NHPP	682,275	682,275	682,275	682,275	
Multi-Phase Activity	SM	67,725	67,725	67,725	67,725	
Totals:		750,000	750,000	750,000	750,000	1,500,000

Program: Required programs and Preventive Maintenance	Sponsor: _____
Primary Work: ITS	PEB Score: _____
2013 Election District: 92 Central Region	Criteria: _____
Borough/Census Area: Various Boroughs	Functional Class: N/A
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: Safety, Travel Time	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 30395

Title: Central Region Drainage Improvements and Erosion

Region: Central

Place Name: Various

Highway: N/A

Project Description:

Projects involves an evaluation of drainage infrastructure as well as erosion threats to the state transportation system.

Infrastructure including , culverts, drainage basins, storm drain systems, ditches, swales, bridge embankments and abutments, side slopes, erosion protection features such as dikes and rip rap and other appurtenant drainage and erosion protection infrastructure will be repaired, replaced or improved as necessary to protect the state's transportation infrastructure.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Design	NHPP	0	272,910	0	0	
Design	SM	0	27,090	0	0	
Construction	NHPP	0	0	2,274,250	0	
Construction	SM	0	0	225,750	0	
Utilities	NHPP	0	0	90,970	0	
Utilities	SM	0	0	9,030	0	
Totals:		0	300,000	2,600,000	0	0

Program: National Highway System	Sponsor: _____
Primary Work: System Preservation	PEB Score: _____
2013 Election District: 70 MatSu Areawide	Criteria: _____
Borough/Census Area: Various Boroughs	Functional Class: N/A
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: Pavement	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 30397

Title: Central Region ADA Compliance Project

Region: Central

Place Name: Various

Highway: N/A

Project Description:

This project will provide ADA improvements along State owned and operated routes in the Central Region. Initial phase includes auditing State roads to determine ADA compliance and identify those issues that can be quickly resolved. Prioritization and construction of needed ADA improvements will be identified per audit.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Multi-Phase Activity	SM	45,150	4,515	180,600	225,750	
Multi-Phase Activity	STP	454,850	45,485	1,819,400	2,274,250	
Totals:		500,000	50,000	2,000,000	2,500,000	2,450,000

Program: Required programs and Preventive Maintenance	Sponsor: _____
Primary Work: Reconstruction	PEB Score: _____
2013 Election District: 92 Central Region	Criteria: _____
Borough/Census Area: Various Boroughs	Functional Class: N/A
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: Safety	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 2503

Title: Wasilla Fishhook Road / Main Street

Region: Central

Place Name: Wasilla

Highway: N/A

Project Description:

Develop a one-way couplet in downtown Wasilla bounded by Bogard Road, Knik-Goose Bay Road/Main Street, Yenlo/Talkeetna Street and the Palmer-Wasilla Highway. This project is needed to mitigate traffic congestion in downtown Wasilla, and is the initial effort to begin addressing the capacity and safety needs of the Knik-Goose Bay corridor. Knik-Goose Bay Road is a designated Safety Corridor.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Construction	AC	0	0	0	27,745,850	
Construction	SM	0	0	0	2,754,150	
Utilities	NHPP	0	0	0	5,003,350	
Utilities	SM	0	0	0	496,650	
Totals:		0	0	0	36,000,000	27,745,850

Program: National Highway System	Sponsor: City of Wasilla
Primary Work: Reconstruction	PEB Score: 199
2013 Election District: 7 Greater Wasilla	Criteria: Urban and Rural
Borough/Census Area: Matanuska - Susitna Borough	Functional Class: MAJOR COLLECTOR
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: Freight Travel Time, Safety, Travel Time	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 24596

Title: Knik Goose Bay Road Reconstruction Centaur Avenue to Vine Road Stage 2

Region: Central

Place Name: Wasilla

Highway: N/A

Project Description:

Project consists of widening the Knik-Goose Bay Road to a divided 4 lane facility from Centaur Avenue (near the Parks Highway) to Vine Road, a distance of 6.44 miles. Scope includes separated bike/ped facilities, appropriate safety engineering strategies such as rumble strips and reducing/combining access points that are determined to be most effective at reducing crashes along the road. Project will be constructed in two stages. The first stage of construction will be funded under NID 32298 and this NID will fund the second and final construction segment.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Right of Way	ACC	-5,140,806	-5,140,805	0	0	
Right of Way	NHPP	5,140,806	12,873,255	0	0	
Right of Way	SM	0	767,550	0	0	
Totals:		0	8,500,000	0	0	40,000,000

Program: National Highway System	Sponsor: DOT&PF
Primary Work: New Construction	PEB Score: _____
2013 Election District: 7 Greater Wasilla	Criteria: _____
Borough/Census Area: Matanuska - Susitna Borough	Functional Class: PRINCIPAL ARTERIAL - OTHER
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: Pavement, Safety	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 32298

Title: Knik Goose Bay Road Reconstruction Centaur Avenue to Vine Road Stage 1

Region: Central

Place Name: Wasilla

Highway: N/A

Project Description:

Project consists of widening the Knik-Goose Bay Road to a divided 4 lane facility from Centaur Avenue (near the Parks Highway) to Vine Road, a distance of 6.44 miles. Scope includes separated bike/ped facilities, appropriate safety engineering strategies such as rumble strips and reducing/combining access points that are determined to be most effective at reducing crashes along the road. Project will be constructed in two phases. The first stage of construction will be funded under this Need ID and the final stage under Need ID 24596.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Construction	AC	0	0	40,026,800	0	
Construction	SM	0	0	3,973,200	0	
Utilities	AC	0	0	13,645,500	0	
Utilities	SM	0	0	1,354,500	0	
Totals:		0	0	59,000,000	0	53,672,300

Program: National Highway System	Sponsor: _____
Primary Work: Reconstruction	PEB Score: _____
2013 Election District: 70 MatSu Areawide	Criteria: _____
Borough/Census Area: Matanuska - Susitna Borough	Functional Class: PRINCIPAL ARTERIAL - OTHER
Municipal Planning Org. (MPO): not identified	
Performance Measures: N/A	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 32722

Title: Hermon Road Upgrade and Extension

Region: Central

Place Name: Wasilla

Highway: N/A

Project Description:

Project will extend and upgrade Hermon Road from the Parks Highway frontage road (Sun Mountain Avenue) to the Palmer-Wasilla Highway, approximately 0.80 miles. Improvements will include travel and turn lanes, shoulders, pedestrian and bicycle facilities, drainage and safety items along with a new traffic signal at the Palmer-Wasilla Highway intersection.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Design	3PF	0	354,152	354,152	0	
Design	STP	0	443,848	443,848	0	
Right of Way	3PF	0	0	1,229,326	0	
Right of Way	STP	0	0	1,540,674	0	
Totals:		0	798,000	3,568,000	0	6,278,000

Program: Community Transportation Program	Sponsor: _____
Primary Work: Reconstruction	PEB Score: _____
2013 Election District: 7 Greater Wasilla	Criteria: _____
Borough/Census Area: Matanuska - Susitna Borough	Functional Class: MINOR ARTERIAL
Municipal Planning Org. (MPO): non-MPO	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 32726

Title: Trunk Road (Nelson Road) Upgrade
Trunk Road (Nelson Road) Upgrade

Region: Central

Place Name: Wasilla

Highway: N/A

Project Description:

The Project starts at the end of the MSB constructed Phase I near the east end of Fetlock Street. The project will lift the road surface, improve pedestrian facilities, remove the old sub-standard bridge and construct a new bridge across Wasilla Creek to address pedestrian, flooding and safety considerations.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Design	3PF	0	0	25,423	0	
Design	STP	0	0	28,577	0	
Totals:		0	0	54,000	0	3,769,000

Program: Community Transportation Program	Sponsor: _____
Primary Work: Reconstruction	PEB Score: _____
2013 Election District: 12 Chugiak/Gateway	Criteria: _____
Borough/Census Area: Matanuska - Susitna Borough	Functional Class: MAJOR COLLECTOR
Municipal Planning Org. (MPO): non-MPO	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 11439

Title: Whittier Tunnel: Maintenance and Operations

Region: Central

Place Name: Whittier

Highway: N/A

Project Description:

Maintenance and operations for federal-aid eligible portion of Whittier tunnel and approaches.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Construction	NHPP	3,775,255	3,775,255	3,775,255	3,775,255	
Construction	SM	374,745	374,745	374,745	374,745	
Totals:		4,150,000	4,150,000	4,150,000	4,150,000	8,300,000

Program: National Highway System	Sponsor: DOT&PF
Primary Work: Other	PEB Score:
2013 Election District: 28 South Anchorage	Criteria:
Borough/Census Area: Valdez-Cordova	Functional Class: MINOR ARTERIAL
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: N/A	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 31496

Title: Anton Anderson Memorial (Whittier) Tunnel

Region: Central

Place Name: Whittier

Highway: N/A

Project Description:

Project consists of improvement to the driving surface and rail bed as well as replacement of toll facility and other equipment

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Construction	AC	0	2,247,619	0	0	
Construction	ACC	0	0	-2,247,619	0	
Construction	NHPP	0	0	2,247,619	0	
Construction	SM	0	223,107	0	0	
Utilities	AC	0	7,759,080	0	0	
Utilities	ACC	0	0	-7,759,080	0	
Utilities	NHPP	0	0	7,759,080	0	
Utilities	SM	0	770,194	0	0	
Totals:		0	11,000,000	0	0	0

Program: National Highway System	Sponsor: _____
Primary Work: System Preservation	PEB Score: _____
2013 Election District: 28 South Anchorage	Criteria: _____
Borough/Census Area: Valdez-Cordova	Functional Class: MINOR COLLECTOR
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: Pavement	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 29737

Title: Parks Highway Bridge Replacement Montana Creek, Sheep Creek, and Goose Creek Bridges

Region: Central

Place Name: Willow

Highway: Parks Highway

Project Description:

Replace Bridge 215 at Montana Creek, Bridge 213 at Sheep Creek, and the culverts that compose bridge 4040 at Goose Creek on the Parks Highway. The new bridges will have top widths to match the existing roadway width at the time of construction. Pedestrian facilities will be included if new bridge construction conflicts with existing pedestrian bridges.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Design	NHPP	0	227,425	0	0	
Design	SM	0	22,575	0	0	
Construction	AC	0	16,749,941	0	0	
Construction	ACC	0	0	-8,374,970	-8,374,971	
Construction	NHPP	0	0	8,374,970	8,374,971	
Construction	SFF	0	12,347,659	0	0	
Construction	SM	0	2,902,400	0	0	
Utilities	NHPP	0	1,091,160	0	0	
Utilities	SM	0	108,840	0	0	
Totals:		0	33,450,000	0	0	0

Program: National Highway System	Sponsor:
Primary Work: Bridge Replacement	PEB Score:
2013 Election District: 10 Rural MatSu	Criteria:
Borough/Census Area: Matanuska - Susitna Borough	Functional Class: INTERSTATE
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: Bridge	

Northern Region Projects

The projects in this section are grouped alphabetically by place name then numerically by need ID number. If you have questions about projects in this section, please contact the Northern

Region Planner: Jennifer Keller

Phone: (907) 451-2385

Email: jennifer.keller@alaska.gov

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 16177

Title: Barrow-Ahkovak Street Upgrade

Region: Northern

Place Name: Barrow

Highway:

Project Description:

Rehabilitate and pave approximately 0.625 miles of Ahkovak Street, from Okpik Street to Kiogak Street, including drainage improvements.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Design	SM	27,632	0	0	0	
Design	STP	278,368	0	0	0	
Construction	3PF	329,595	0	0	0	
Construction	AC	6,640,810	0	0	0	
Construction	ACC	0	0	-6,640,810	0	
Construction	SM	329,595	0	0	0	
Construction	STP	0	0	6,640,810	0	
Totals:		7,606,000	0	0	0	0

Program: Community Transportation Program	Sponsor:
Primary Work: System Preservation	PEB Score:
2013 Election District: 40 Arctic	Criteria: Remote and Trails
Borough/Census Area: North Slope Borough	Functional Class: MINOR ARTERIAL
Municipal Planning Org. (MPO): not identified	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 3648

Title: Steese Highway Mile Point 122-123 (Milepost 128)

Crooked Creek Bridge Replacement

Region: Northern

Place Name: Central

Highway: Steese Highway

Project Description:

Replace Crooked Creek Bridge #0431 on the Steese Highway.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Design	SM	0	75,852	0	19,144	
Design	STP	0	382,074	0	192,856	
Totals:		0	457,926	0	212,000	3,900,000

Program: Alaska Highway System	Sponsor: DOT&PF
Primary Work: Bridge Replacement	PEB Score:
2013 Election District: 6 Eielson/Denali/Upper Yukon/Border Region	Criteria:
Borough/Census Area: Yukon-Koyukuk	Functional Class: MAJOR COLLECTOR
Municipal Planning Org. (MPO): non-MPO	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 30429

Title: Tok Cutoff Mile Point 37-50 (Milepost 38-50) Rehabilitation

Region: Northern

Place Name: Chistochina

Highway: Tok Cutoff

Project Description:

Rehabilitate the Tok Cutoff. Improvements will include drainage, embankment stabilization and rebuilding the pavement structure. Bridge rail upgrades and deck repairs to Indian River Bridge #0651.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Construction	ACC	-16,674,398	0	0	0	
Construction	NHPP	16,674,398	0	0	0	
Totals:		0	0	0	0	0

Program: National Highway System	Sponsor: _____
Primary Work: Reconstruction	PEB Score: _____
2013 Election District: 6 Eielson/Denali/Upper Yukon/Border Region	Criteria: _____
Borough/Census Area: Valdez-Cordova	Functional Class: INTERSTATE
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: Pavement, Safety	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 33240

Title: Dalton Highway MP 190 Hammond River Bridge Replacement

Region: Northern

Place Name: Coldfoot

Highway: Dalton Highway

Project Description:

Rehabilitate the Dalton Highway between milepost 190.3 and 190.8 of the Dalton Highway including replacement of the Hammond River Bridge No. 1336. Additional work includes construction of a new river access pullout, bridge work, drainage improvements and roadside hardware.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Design	NHPP	0	454,850	0	181,940	
Design	SM	0	45,150	0	18,060	
Totals:		0	500,000	0	200,000	11,000,000

Program: National Highway System	Sponsor: _____
Primary Work: Bridge Replacement	PEB Score: _____
2013 Election District: 40 Arctic	Criteria: _____
Borough/Census Area: Unorganized Borough	Functional Class: PRINCIPAL ARTERIAL - OTHER
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: Bridge	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 27049

Title: Whitshed Road and Pedestrian Improvements

Region: Northern

Place Name: Cordova

Highway:

Project Description:

Provide pedestrian accommodations along Whitshed Road from the intersection with the Copper River Highway to the intersection with Orca Inlet Drive. Approximately .75 miles in length.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Right of Way	3PF	0	45,150	0	0	
Right of Way	SM	0	45,150	0	0	
Right of Way	STP	0	909,700	0	0	
Construction	3PF	0	0	0	406,350	
Construction	AC	0	0	0	8,187,300	
Construction	SM	0	0	0	406,350	
Utilities	3PF	0	0	33,862	0	
Utilities	SM	0	0	33,862	0	
Utilities	STP	0	0	682,275	0	
Totals:		0	1,000,000	749,999	9,000,000	8,187,300

Program: Community Transportation Program	Sponsor: City of Cordova
Primary Work: New Construction	PEB Score:
2013 Election District: 32 Kodiak/Cordova/Seldovia	Criteria:
Borough/Census Area: Valdez-Cordova	Functional Class: MAJOR COLLECTOR
Municipal Planning Org. (MPO): non-MPO	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 32038

Title: Cordova Center Pedestrian Connector

Region: Northern

Place Name: Cordova

Highway: N/A

Project Description:

The purpose of this project is to provide connectivity and a safe walking route from the harbor retail district to Main Street via the Cordova Center.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Design	3PF	9,829	4,313	0	0	
Design	TAP	88,171	38,687	0	0	
Construction	3PF	0	31,605	0	0	
Construction	TAP	0	318,395	0	0	
Totals:		98,000	393,000	0	0	0

Program: Transportation Alternatives Program	Sponsor: Cordova, City of
Primary Work: New Construction	PEB Score:
2013 Election District: 32 Kodiak/Cordova/Seldovia	Criteria:
Borough/Census Area: Valdez-Cordova	Functional Class: MAJOR COLLECTOR
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: Safety	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 32378

Title: Cordova Second Street Reconstruction

Region: Northern

Place Name: Cordova

Highway: N/A

Project Description:

Reconstruction Second Street in Cordova. Work includes drainage, utilities, roadside hardware and ADA improvements.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Design	3PF	0	142,034	0	129,258	
Design	STP	0	802,966	0	730,742	
Totals:		0	945,000	0	860,000	6,350,000

Program: Community Transportation Program	Sponsor: _____
Primary Work: Reconstruction	PEB Score: _____
2013 Election District: 32 Kodiak/Cordova/Seldovia	Criteria: _____
Borough/Census Area: Valdez-Cordova	Functional Class: LOCAL
Municipal Planning Org. (MPO): non-MPO	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 2130

Title: Richardson Highway Mile Point 354-359 (Milepost 353-357) Access/Safety Improvements

Region: Northern

Place Name: Fairbanks

Highway: Richardson Highway

Project Description:

Improve access control on the Richardson Highway. This project will upgrade and extend the existing frontage road system, construct improved at-grade intersections, and eliminate a number of existing access approaches onto the Richardson Highway.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Construction	ACC	-13,266,809	0	0	0	
Construction	NHPP	13,266,809	0	0	0	
Totals:		0	0	0	0	0

Program: National Highway System	Sponsor: DOT&PF
Primary Work: Reconstruction	PEB Score:
2013 Election District: 5 Chena Ridge/Airport	Criteria:
Borough/Census Area: Fairbanks North Star Borough	Functional Class: INTERSTATE
Municipal Planning Org. (MPO): FAST	
Performance Measures: Bridge, Pavement, Safety	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 3821

Title: University Avenue Widening

Region: Northern

Place Name: Fairbanks

Highway:

Project Description:

Widen and reconstruct University Avenue to current standards.
NID's associated with this parent design project: 29655, 29656,
31153. The final segment will be constructed under this NID.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Right of Way	NHPP	0	1,364,550	0	0	
Right of Way	SM	0	135,450	0	0	
Construction	AC	0	0	0	11,826,100	
Construction	SM	0	0	0	1,173,900	
Utilities	NHPP	0	1,364,550	0	0	
Utilities	SM	0	135,450	0	0	
Totals:		0	3,000,000	0	13,000,000	11,826,100

Program: National Highway System	Sponsor: FMATS
Primary Work: System Preservation	PEB Score: 106.5
2013 Election District: 5 Chena Ridge/Airport	Criteria:
Borough/Census Area: Fairbanks North Star Borough	Functional Class: PRINCIPAL ARTERIAL - OTHER
Municipal Planning Org. (MPO): FAST	
Performance Measures: Pavement	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 3843

Title: Airport Way / South Cushman Intersection Reconstruction

Region: Northern

Place Name: Fairbanks

Highway:

Project Description:

Reconstruct the intersection at Airport Way and Cushman Street.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Right of Way	CMAQ-M	0	4,275,590	0	0	
Right of Way	SM	0	424,410	0	0	
Construction	CMAQ-M	0	0	0	10,712,254	
Construction	SM	0	0	0	1,063,336	
Utilities	CMAQ-M	0	0	1,091,640	0	
Utilities	SM	0	0	108,360	0	
Totals:		0	4,700,000	1,200,000	11,775,590	0

Program: National Highway System	Sponsor: City of Fairbanks/FMATS
Primary Work: Reconstruction	PEB Score: 98.5
2013 Election District: 1 Downtown Fairbanks	Criteria:
Borough/Census Area: Fairbanks North Star Borough	Functional Class: PRINCIPAL ARTERIAL - OTHER
Municipal Planning Org. (MPO): FAST	
Performance Measures: CMAQ, Safety	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 6359

Title: Chena River - Wendell Ave Bridge Replacement

Region: Northern

Place Name: Fairbanks

Highway:

Project Description:

Replace the Wendell Avenue Bridge #0532 and rehabilitate Wendell Avenue/Old Steese Highway between the Clay Street and 3rd Street intersections. Provide a pedestrian and bicycle access from Graehl Park to Old Steese Hwy. Project work will include roadside hardware, utilities, drainage and ADA improvements.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Construction	SFF	17,698,397	0	0	0	
Construction	SM	1,756,805	0	0	0	
Utilities	SFF	90,970	0	0	0	
Utilities	SM	9,030	0	0	0	
Totals:		19,555,202	0	0	0	0

Program: Community Transportation Program	Sponsor: DOT&PF
Primary Work: Bridge Rehabilitation	PEB Score: 99.2
2013 Election District: 1 Downtown Fairbanks	Criteria:
Borough/Census Area: Fairbanks North Star Borough	Functional Class: MINOR ARTERIAL
Municipal Planning Org. (MPO): FAST	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 15685

Title: Airport Way (West) Improvements

Region: Northern

Place Name: Fairbanks

Highway:

Project Description:

Construct intersection improvements along Airport Way between Dale Road and the Parks Hwy. Project includes bicycle/pedestrian facilities along Hoselton Road to the Boat Street path.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Construction	AC	0	0	9,729,100	0	
Construction	ACC	0	0	0	-9,729,100	
Construction	NHPP	0	0	1,187,300	9,729,100	
Construction	SM	0	0	1,083,600	0	
Totals:		0	0	12,000,000	0	0

Program: National Highway System	Sponsor: DOT&PF
Primary Work: Reconstruction	PEB Score:
2013 Election District: 5 Chena Ridge/Airport	Criteria:
Borough/Census Area: Fairbanks North Star Borough	Functional Class: PRINCIPAL ARTERIAL - OTHER
Municipal Planning Org. (MPO): FAST	
Performance Measures: CMAQ, Pavement, Safety	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 17662

Title: FAST CTP Program Allocation

Region: Northern

Place Name: Fairbanks

Highway:

Project Description:

FAST CTP Program Allocation. See FAST TIP for projects.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Multi-Phase Activity	3PF	382,971	382,971	382,971	382,971	
Multi-Phase Activity	SM	382,971	382,971	382,971	382,971	
Multi-Phase Activity	STP	7,716,256	7,716,256	7,716,256	7,716,256	
Totals:		8,482,198	8,482,198	8,482,198	8,482,198	16,146,956

Program: Community Transportation Program	Sponsor: DOT&PF
Primary Work: System Preservation	PEB Score: 999
2013 Election District: 5 Chena Ridge/Airport	Criteria:
Borough/Census Area: Fairbanks North Star Borough	Functional Class: N/A
Municipal Planning Org. (MPO): FAST	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 17663

Title: FAST CMAQ Allocation

Region: Northern

Place Name: Fairbanks

Highway:

Project Description:

This project is additional allocation for qualifying projects utilizing federal Congestion Mitigation and Air Quality Improvement (CMAQ) funding. See FAST TIP for projects.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Multi-Phase Activity	CMAQ-M	727,760	727,760	727,760	727,760	
Multi-Phase Activity	SM	72,240	72,240	72,240	72,240	
Totals:		800,000	800,000	800,000	800,000	1,600,000

Program: Required programs and Preventive Maintenance	Sponsor: DOT&PF
Primary Work: Congestion	PEB Score: 999
2013 Election District: 5 Chena Ridge/Airport	Criteria:
Borough/Census Area: Fairbanks North Star Borough	Functional Class: N/A
Municipal Planning Org. (MPO): FAST	
Performance Measures: CMAQ	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 22441

Title: Steese Highway and 3rd Street Widening

Region: Northern

Place Name: Fairbanks

Highway:

Project Description:

Reconstruct and widen 3rd Street between Hamilton/Farewell and the Minnie Street Bridge (#0295). Work will include turn lanes and signalization improvements at the new Steese Expressway intersection.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Construction	NHPP	0	13,645,500	0	0	
Construction	SM	0	1,354,500	0	0	
Totals:		0	15,000,000	0	0	0

Program: National Highway System	Sponsor: DOT&PF
Primary Work: Reconstruction	PEB Score:
2013 Election District: 2 Fairbanks/Wainwright	Criteria:
Borough/Census Area: Fairbanks North Star Borough	Functional Class: MINOR ARTERIAL
Municipal Planning Org. (MPO): FAST	
Performance Measures: CMAQ, Pavement, Safety	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 25596

Title: Rosie Creek Road Improvements

Region: Northern

Place Name: Fairbanks

Highway:

Project Description:

Improve Rosie Creek Road from Chena Ridge to Becker Ridge, to include alignment, shoulder work, repair and overlay of pavement, and improving the intersection at Chena Ridge.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Design	3PF	42,892	0	0	0	
Design	STP	432,108	0	0	0	
Right of Way	3PF	4,515	0	0	0	
Right of Way	STP	45,485	0	0	0	
Construction	3PF	0	361,200	0	0	
Construction	STP	0	3,638,800	0	0	
Utilities	3PF	0	9,030	0	0	
Utilities	STP	0	90,970	0	0	
Totals:		525,000	4,100,000	0	0	0

Program: Community Transportation Program	Sponsor:
Primary Work: Reconstruction	PEB Score: 293
2013 Election District: 5 Chena Ridge/Airport	Criteria: Urban and Rural
Borough/Census Area: Fairbanks North Star Borough	Functional Class: MINOR COLLECTOR
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: Safety	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 26076

Title: Aurora Drive-Noyes Slough Bridge Replacement

Region: Northern

Place Name: Fairbanks

Highway: N/A

Project Description:

Replace the Noyes Slough Bridge on Aurora Drive in Fairbanks.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Right of Way	SM	35,217	0	0	0	
Right of Way	STP	354,782	0	0	0	
Utilities	SM	0	0	27,090	0	
Utilities	STP	0	0	272,910	0	
Totals:		389,999	0	300,000	0	4,900,000

Program: Community Transportation Program	Sponsor: _____
Primary Work: Bridge Rehabilitation	PEB Score: _____
2013 Election District: 1 Downtown Fairbanks	Criteria: _____
Borough/Census Area: Fairbanks North Star Borough	Functional Class: MAJOR COLLECTOR
Municipal Planning Org. (MPO): FAST	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 26082

Title: Old Steese Highway Reconstruction

Region: Northern

Place Name: Fairbanks

Highway:

Project Description:

Reconstruct the Old Steese Highway from Wendell Street Bridge to the intersection at Johansen Expressway.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Design	SM	0	0	90,300	0	
Design	STP	0	0	909,700	0	
Totals:		0	0	1,000,000	0	20,000,000

Program: Community Transportation Program	Sponsor:
Primary Work: Reconstruction	PEB Score: 369
2013 Election District: 4 Western Fairbanks	Criteria: Urban and Rural
Borough/Census Area: Fairbanks North Star Borough	Functional Class: MINOR ARTERIAL
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: Safety	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 26161

Title: Fairbanks Air Quality Planning Project

Region: Northern

Place Name: Fairbanks

Highway:

Project Description:

The goal of this project is to update the local transportation model and EPA mobile source emission model. Fairbanks is a newly designated PM 2.5 non-attainment area and also a CO Maintenance area. An up to date transportation model and EPA mobile source emission model are needed for on-going transportation and air quality planning activities in the community. This project will provide funding to conduct federally mandated Air Quality Conformity Analysis for all long range and short term planning documentation.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Other / Miscellaneous	CMAQ-F	72,776	72,776	72,776	72,776	
Other / Miscellaneous	SM	7,224	7,224	7,224	7,224	
Totals:		80,000	80,000	80,000	80,000	160,000

Program: Required programs and Preventive Maintenance	Sponsor: _____
Primary Work: Congestion	PEB Score: _____
2013 Election District: 5 Chena Ridge/Airport	Criteria: _____
Borough/Census Area: Fairbanks North Star Borough	Functional Class: N/A
Municipal Planning Org. (MPO): non-MPO	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 27542

Title: Chena Hot Springs Road Mile Point 0-6 (Milepost 0 to 6)

Rehabilitation

Region: Northern

Place Name: Fairbanks

Highway: N/A

Project Description:

Rehabilitate Chena Hot Springs Road.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Design	ACC	-545,820	0	0	0	
Design	STP	545,820	0	0	0	
Construction	AC	13,194,000	0	0	0	
Construction	ACC	0	0	-8,194,000	-5,000,000	
Construction	SM	1,806,000	0	0	0	
Construction	STP	5,194,000	0	8,194,000	5,000,000	
Utilities	SM	22,575	0	0	0	
Utilities	STP	227,425	0	0	0	
	Totals:	20,444,000	0	0	0	0

Program: Alaska Highway System	Sponsor: _____
Primary Work: System Preservation	PEB Score: _____
2013 Election District: 4 Western Fairbanks	Criteria: _____
Borough/Census Area: Fairbanks North Star Borough	Functional Class: MAJOR COLLECTOR
Municipal Planning Org. (MPO): FAST	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 28069

Title: Richardson Highway Mile Point 360-361 (Milepost 359)

Railroad Grade Separated Facility

Region: Northern

Place Name: Fairbanks

Highway: Richardson Highway

Project Description:

Construct grade-separated facility on the Richardson Highway to improve operations and reduce railroad/vehicle conflicts. Work includes new railroad overpass bridges (#2366 and 2367).

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Design	NHPP	1,333,752	0	0	0	
Design	SM	94,248	0	0	0	
Utilities	NHPP	0	0	3,638,800	0	
Utilities	SM	0	0	361,200	0	
Totals:		1,428,000	0	4,000,000	0	25,000,000

Program: National Highway System	Sponsor: _____
Primary Work: New Construction	PEB Score: _____
2013 Election District: 2 Fairbanks/Wainwright	Criteria: _____
Borough/Census Area: Fairbanks North Star Borough	Functional Class: Interstate
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: CMAQ, Safety	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 29232

Title: Committed Measures for the Fairbanks SIP

Region: Northern

Place Name: Fairbanks

Highway: N/A

Project Description:

Funding for transportation projects and programs that are committed and contingency measures listed in the State Implementation Plan (SIP) for the Fairbanks PM2.5 Non-attainment Area, and non-SIP projects that are evaluated and scored by the Fairbanks area CMAQ Project Evaluation Board.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Multi-Phase Activity	CMAQ-M	1,728,430	1,728,430	1,728,430	1,728,430	
Multi-Phase Activity	SM	171,570	171,570	171,570	171,570	
Totals:		1,900,000	1,900,000	1,900,000	1,900,000	3,800,000

Program: Required programs and Preventive Maintenance	Sponsor: _____
Primary Work: Congestion	PEB Score: _____
2013 Election District: 5 Chena Ridge/Airport	Criteria: _____
Borough/Census Area: Fairbanks North Star Borough	Functional Class: N/A
Municipal Planning Org. (MPO): not identified	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 29655

Title: University Ave Rehabilitation: Wolf Run to DNR BLM Access

Region: Northern

Place Name: Fairbanks

Highway: N/A

Project Description:

Widen and reconstruct University Avenue to current standards from Thomas Street to the Chena River, including replacement of University Ave Bridge #0263. This project is associated with NIDs 29656, 31155, 31577, 31578, and the parent design project NID 3821.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Construction	AC	0	29,110,400	0	0	
Construction	ACC	0	0	-14,555,200	-14,555,200	
Construction	NHPP	0	0	14,555,200	14,555,200	
Construction	SM	0	2,889,600	0	0	
Totals:		0	32,000,000	0	0	0

Program: National Highway System	Sponsor: _____
Primary Work: System Preservation	PEB Score: _____
2013 Election District: 5 Chena Ridge/Airport	Criteria: _____
Borough/Census Area: Fairbanks North Star Borough	Functional Class: PRINCIPAL ARTERIAL - OTHER
Municipal Planning Org. (MPO): not identified	
Performance Measures: Bridge, Pavement, Safety	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 29656

Title: University Ave Rehabilitation: DNR BLM Access to Rewak Drive

Region: Northern

Place Name: Fairbanks

Highway: N/A

Project Description:

Widen and reconstruct University Avenue to current standards from the Chena River to the Parks Highway. This project is associated with NID 29655, 31155, 31577, 31578, and the parent design project NID 3821.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Construction	NHPP	9,343,937	0	0	0	
Construction	SFF	8,850,063	0	0	0	
Construction	SM	1,806,000	0	0	0	
Totals:		20,000,000	0	0	0	0

Program: National Highway System	Sponsor: _____
Primary Work: Reconstruction	PEB Score: _____
2013 Election District: 5 Chena Ridge/Airport	Criteria: _____
Borough/Census Area: Fairbanks North Star Borough	Functional Class: PRINCIPAL ARTERIAL - OTHER
Municipal Planning Org. (MPO): not identified	
Performance Measures: Pavement, Safety	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 29829

Title: Steese Expressway / Johansen Expressway Interchange

Region: Northern

Place Name: Fairbanks

Highway: Steese Highway

Project Description:

Construct a grade separated interchange at the intersection of Steese Expressway and Johansen Expressway. Realign adjacent access as necessary to accommodate the selected interchange configuration. Work includes a new bridge.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Design	NHPP	0	2,274,250	0	0	
Design	SM	0	225,750	0	0	
Right of Way	NHPP	0	0	2,729,100	0	
Right of Way	SM	0	0	270,900	0	
Totals:		0	2,500,000	3,000,000	0	51,000,000

Program: National Highway System	Sponsor: _____
Primary Work: New Construction	PEB Score: _____
2013 Election District: 2 Fairbanks/Wainwright	Criteria: _____
Borough/Census Area: Fairbanks North Star Borough	Functional Class: PRINCIPAL ARTERIAL - FREEWAY/EXPRESSWAY
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: CMAQ, Safety, Travel Time	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 30150

Title: Steese Highway Mile Point 4-6 (Milepost 4.5) (CHSR)

Off-Ramp Bypass Lane

Region: Northern

Place Name: Fairbanks

Highway: Steese Highway

Project Description:

Construct a bypass lane and retaining wall at the Steese Highway north bound ramp to Chena Hot Springs Road.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Construction	NHPP	363,880	0	0	0	
Construction	SM	36,120	0	0	0	
Totals:		400,000	0	0	0	0

Program: National Highway System	Sponsor: _____
Primary Work: New Construction	PEB Score: _____
2013 Election District: 4 Western Fairbanks	Criteria: _____
Borough/Census Area: Fairbanks North Star Borough	Functional Class: PRINCIPAL ARTERIAL - OTHER
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: Pavement, Safety	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 31656

Title: Chena Pump Road Bike and Pedestrian Facility Rehabilitation

Region: Northern

Place Name: Fairbanks

Highway: N/A

Project Description:

Rehabilitate the existing Chena Pump Road bicycle path between Dartmouth Drive and the Pump House Restaurant.

Improvements include widening Chena Pump Road shoulders between the Pump House Restaurant and Grebe Drive, drainage and roadside hardware.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Construction	CMAQ-M	1,455,520	0	0	0	
Construction	SM	144,480	0	0	0	
Totals:		1,600,000	0	0	0	0

Program: Trails and Recreational Access for Alaska	Sponsor: _____
Primary Work: System Preservation	PEB Score: _____
2013 Election District: 5 Chena Ridge/Airport	Criteria: _____
Borough/Census Area: Fairbanks North Star Borough	Functional Class: MINOR COLLECTOR
Municipal Planning Org. (MPO): FAST	
Performance Measures: CMAQ	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 31878

Title: Fairbanks North Pole Serious Statewide Implementation Plan

Region: Northern

Place Name: Fairbanks

Highway: N/A

Project Description:

The Fairbanks/North Pole Serious Statewide Implementation Plan will focus on the completion, submission, ensuring EPA approvability and implementation of the Fairbanks/North Pole Serious Statewide Implementation Plan (SIP). This includes the development of a mobile source emission budget for the nonattainment area and FAST to ensure that the area remains eligible for federal highway funds.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Other / Miscellaneous	SM	93,912	93,912	0	0	
Other / Miscellaneous	STP	946,088	946,088	0	0	
Totals:		1,040,000	1,040,000	0	0	0

Program: Required programs and Preventive Maintenance	Sponsor: _____
Primary Work: Planning	PEB Score: _____
2013 Election District: 60 Fairbanks Areawide	Criteria: _____
Borough/Census Area: Fairbanks North Star Borough	Functional Class: N/A
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: N/A	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 32078

Title: Growden Park Accessibility Improvements

Region: Northern

Place Name: Fairbanks

Highway: N/A

Project Description:

Construct a new bicycle and pedestrian path through Borough parks that will provide ADA access to facilities, connect the parks to existing sidewalks, and provide a route between larger facilities.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Design	3PF	19,863	0	0	0	
Design	TAP	191,037	0	0	0	
Construction	3PF	0	68,899	0	0	
Construction	TAP	0	694,101	0	0	
Totals:		210,900	763,000	0	0	0

Program: Transportation Alternatives Program	Sponsor:
Primary Work: Safety	PEB Score:
2013 Election District: 1 Downtown Fairbanks	Criteria:
Borough/Census Area: Fairbanks North Star Borough	Functional Class:
Municipal Planning Org. (MPO): FAST	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 33041

Title: City of Fairbanks 5th Avenue Sidewalk Improvements

Region: Northern

Place Name: Fairbanks

Highway: N/A

Project Description:

Improve drainage, ADA compliant pedestrian facilities, shoulders for cyclists, and wayfinding.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Construction	3PF	0	0	0	45,150	
Construction	TAP	0	0	0	454,850	
Totals:		0	0	0	500,000	0

Program: Transportation Alternatives Program	Sponsor: _____
Primary Work: Reconstruction	PEB Score: _____
2013 Election District: 2 Fairbanks/Wainwright	Criteria: _____
Borough/Census Area: Fairbanks North Star Borough	Functional Class: N/A
Municipal Planning Org. (MPO): not identified	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 32360

Title: Fort Yukon City Streets Rehabilitation

Region: Northern

Place Name: Fort Yukon

Highway: N/A

Project Description:

Resurface and clear vegetation on 11 miles of City streets, including roadside hardware and drainage improvements. Apply palliative to 15 miles of City streets. The funding will be transferred to Western Federal Lands Highways Tribal Transportation to administer this project.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Multi-Phase Activity	3PF	0	32,508	0	0	
Multi-Phase Activity	STP	0	327,492	0	0	
Totals:		0	360,000	0	0	0

Program: Community Transportation Program	Sponsor:
Primary Work: Reconstruction	PEB Score:
2013 Election District: 6 Eielson/Denali/Upper Yukon/Border Region	Criteria:
Borough/Census Area: Yukon-Koyukuk	Functional Class:
Municipal Planning Org. (MPO): non-MPO	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 29812

Title: Richardson Highway Mile Point 117-151 (Milepost 115-148) Rehabilitation & Widening

Region: Northern

Place Name: Gakona

Highway: Richardson Highway

Project Description:

Rehabilitate the Richardson Highway including rehabilitation of Gulkana River Bridge #0574. Replace culvert#7129 at Bear Creek with a new bridge #1272. Construction will happen in three stages, under NID 31286, NID 32579, and the parent NID 29812.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Right of Way	NHPP	409,026	0	0	0	
Right of Way	SM	40,241	0	0	0	
Totals:		449,267	0	0	0	28,000,000

Program: National Highway System	Sponsor: _____
Primary Work: System Preservation	PEB Score: _____
2013 Election District: 6 Eielson/Denali/Upper Yukon/Border Region	Criteria: _____
Borough/Census Area: Valdez-Cordova	Functional Class: MINOR ARTERIAL
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: Bridge, Pavement, Safety	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 31286

Title: Richardson Highway Mile Point 139-151 Milepost 137-148
Rehabilitation and Widening (Stage I of III)

Region: Northern

Place Name: Gakona

Highway: Richardson Highway

Project Description:

Rehabilitate the Richardson Highway, including repairs to Sourdough Creek Bridge #575. This project will be constructed in three segments, under NID 31286 NID 32579 and the parent NID 29812.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Construction	AC	0	19,998,660	0	0	
Construction	ACC	0	0	-9,999,330	-9,999,330	
Construction	NHPP	0	0	9,999,330	9,999,330	
Construction	SM	0	2,001,340	0	0	
Totals:		0	22,000,000	0	0	0

Program: National Highway System	Sponsor: _____
Primary Work: Reconstruction	PEB Score: _____
2013 Election District: 6 Eielson/Denali/Upper Yukon/Border Region	Criteria: _____
Borough/Census Area: Unorganized Borough	Functional Class: MINOR ARTERIAL
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: Pavement, Safety	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 32579

Title: Richardson Highway Mile Point 131-141 (Milepost 128-138) Rehabilitation (Stage II of III)

Region: Northern

Place Name: Gulkana

Highway: Richardson Highway

Project Description:

Rehabilitate the Richardson Highway. This project will be constructed in three segments, under NID 31286, this NID and the parent NID 29812.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Construction	AC	0	0	0	22,742,500	
Construction	SM	0	0	0	2,257,500	
Totals:		0	0	0	25,000,000	22,742,500

Program: National Highway System	Sponsor: _____
Primary Work: Reconstruction	PEB Score: _____
2013 Election District: 9 Richardson Highway/East MatSu	Criteria: _____
Borough/Census Area: Unorganized Borough	Functional Class: MINOR ARTERIAL
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: N/A	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 32519

Title: Healy Spur Road Rehabilitation

Region: Northern

Place Name: Healy

Highway: N/A

Project Description:

Rehabilitate Healy Spur Road in Healy. Work Includes widening to add shoulders and improving drainage.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Design	3PF	0	23,026	0	7,224	
Design	STP	0	231,974	0	72,776	
Totals:		0	255,000	0	80,000	1,260,000

Program: Community Transportation Program	Sponsor: _____
Primary Work: Transportation Enhancements	PEB Score: _____
2013 Election District: 6 Eielson/Denali/Upper Yukon/Border Region	Criteria: _____
Borough/Census Area: Denali Borough	Functional Class: LOCAL
Municipal Planning Org. (MPO): non-MPO	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 32559

Title: Kiana Community Wide Drainage Improvements

Region: Northern

Place Name: Kiana

Highway: N/A

Project Description:

Construct drainage improvements within the City of Kiana. This project includes roadside hardware, drainage improvements, and utilities. The funding will be transferred to Bureau of Indian Affairs (BIA) to administer this project.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Multi-Phase Activity	3PF	0	108,556	0	0	
Multi-Phase Activity	STP	0	666,844	0	0	
Totals:		0	775,400	0	0	0

Program: Community Transportation Program	Sponsor: -
Primary Work: Reconstruction	PEB Score: -
2013 Election District: 40 Arctic	Criteria: -
Borough/Census Area: Northwest Arctic Borough	Functional Class: -
Municipal Planning Org. (MPO): non-MPO	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 18634

Title: Kotzebue Cape Blossom Road

Region: Northern

Place Name: Kotzebue

Highway:

Project Description:

Construct a new road from Kotzebue to a port site near Cape Blossom.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Multi-Phase Activity	EMRK	892,328	0	0	0	
Multi-Phase Activity	SFF	21,657,839	0	0	0	
Multi-Phase Activity	SM	2,149,833	0	0	0	
Totals:		24,700,000	0	0	0	0

Program: Community Transportation Program	Sponsor: City of Kotzebue
Primary Work: New Construction	PEB Score: 199
2013 Election District: 40 Arctic	Criteria:
Borough/Census Area: Northwest Arctic Borough	Functional Class: N/A
Municipal Planning Org. (MPO): non-MPO	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 22335

Title: Parks Highway Mile Point 279-290 (Milepost 315-325)

Reconstruction

Region: Northern

Place Name: Nenana

Highway: Parks Highway

Project Description:

Reconstruct the Parks Highway from Milepost 319 to 325 and

replace Little Goldstream Creek Bridge at Milepost 315.

Construction will happen in two stages under NID 31278 and the final segment under this NID.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Right of Way	NHPP	0	1,182,610	0	0	
Right of Way	SM	0	117,390	0	0	
Totals:		0	1,300,000	0	0	60,500,000

Program: National Highway System	Sponsor: DOT&PF
Primary Work: Reconstruction	PEB Score: _____
2013 Election District: 6 Eielson/Denali/Upper Yukon/Border Region	Criteria: _____
Borough/Census Area: Yukon-Koyukuk	Functional Class: INTERSTATE
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: Pavement, Safety	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 31278

Title: Parks Highway Little Goldstream Creek Bridge Replacement

Region: Northern

Place Name: Nenana

Highway: Parks Highway

Project Description:

Reconstruct the Little Goldstream Creek Bridge, this project is being designed under NID 22335.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Construction	NHPP	0	4,548,500	0	0	
Construction	SM	0	451,500	0	0	
Totals:		0	5,000,000	0	0	0

Program: National Highway System	Sponsor: _____
Primary Work: Reconstruction	PEB Score: _____
2013 Election District: 6 Eielson/Denali/Upper Yukon/Border Region	Criteria: _____
Borough/Census Area: Denali Borough	Functional Class: INTERSTATE
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: Bridge, Pavement, Safety	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 32099

Title: Nenana Bridge Project

Region: Northern

Place Name: Nenana

Highway: N/A

Project Description:

This project will construct two permanent fixed bridges across the Nenana River and the Nenana Slough. The project will complete a larger project to provide year round connection between 10th Avenue and Totchaket Road. This is a BUILD grant (Better Utilizing Investments to Leverage Development / BUILD Transportation Discretionary Grant).

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Multi-Phase Activity	BUILD	9,174,000	0	0	0	
Totals:		9,174,000	0	0	0	0

Program: Required programs and Preventive Maintenance	Sponsor:
Primary Work: New Bridge Access	PEB Score:
2013 Election District: 6 Eielson/Denali/Upper Yukon/Border Region	Criteria:
Borough/Census Area: Unorganized Borough	Functional Class:
Municipal Planning Org. (MPO): not identified	
Performance Measures: N/A	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 26057

Title: Nome Port Road Improvements

Region: Northern

Place Name: Nome

Highway:

Project Description:

Widen and resurface the existing Port Road, including but not limited to: drainage improvements, safety improvements and pedestrian facilities.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Right of Way	3PF	6,772	0	0	0	
Right of Way	SM	6,773	0	0	0	
Right of Way	STP	136,455	0	0	0	
Construction	3PF	0	162,540	0	0	
Construction	AC	0	3,274,920	0	0	
Construction	ACC	0	0	-3,274,920	0	
Construction	SM	0	162,540	0	0	
Construction	STP	0	0	3,274,920	0	
Utilities	3PF	0	4,515	0	0	
Utilities	SM	0	4,515	0	0	
Utilities	STP	0	90,970	0	0	
Totals:		150,000	3,700,000	0	0	0

Program: Community Transportation Program	Sponsor:
Primary Work: Reconstruction	PEB Score: 288
2013 Election District: 39 Bering Straits/Yukon Delta	Criteria: Urban and Rural
Borough/Census Area: Nome	Functional Class: MAJOR COLLECTOR
Municipal Planning Org. (MPO): non-MPO	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 26085

Title: Nome Seppala Drive Rehabilitation

Region: Northern

Place Name: Nome

Highway:

Project Description:

Realign and rehabilitate Seppala Drive in Nome from the intersection of Bering Street to the intersection of Airport Terminal Road.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Right of Way	SM	0	27,090	0	0	
Right of Way	STP	0	272,910	0	0	
Construction	AC	0	0	10,006,700	0	
Construction	ACC	0	0	0	-5,003,350	
Construction	SM	0	0	993,300	0	
Construction	STP	0	0	0	5,003,350	
Utilities	SM	0	0	90,300	0	
Utilities	STP	0	0	909,700	0	
Totals:		0	300,000	12,000,000	0	5,003,350

Program: Community Transportation Program	Sponsor:
Primary Work: Reconstruction	PEB Score: 349
2013 Election District: 39 Bering Straits/Yukon Delta	Criteria: Urban and Rural
Borough/Census Area: Nome	Functional Class: MINOR ARTERIAL
Municipal Planning Org. (MPO): non-MPO	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 26155

Title: Nome Bering Street Rehabilitation

Region: Northern

Place Name: Nome

Highway:

Project Description:

Repave Bering Street from Front Street to the intersection of Greg Kruschek Ave/Little Creek Road. Project will include minimal drainage improvements, asphalt repair, improve curb ramps to meet ADA standards as required according to the Alaska Highway Preconstruction Manual, and constructing a pedestrian facility path from the existing sidewalk to the end of the project.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Construction	SM	419,895	0	0	0	
Construction	STP	4,230,105	0	0	0	
Utilities	SM	23,930	0	0	0	
Utilities	STP	241,070	0	0	0	
Totals:		4,915,000	0	0	0	0

Program: Community Transportation Program	Sponsor:
Primary Work: Reconstruction	PEB Score: 349
2013 Election District: 39 Bering Straits/Yukon Delta	Criteria: Urban and Rural
Borough/Census Area: Nome	Functional Class: MAJOR COLLECTOR
Municipal Planning Org. (MPO): not identified	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 26156

Title: Nome Center Creek Road Rehabilitation

Region: Northern

Place Name: Nome

Highway:

Project Description:

Rehabilitate Center Creek Road in Nome from Seppala Drive to Nome-Teller Hwy, including realignment of Center Creek Road and FAA/Doyle Road intersections. Rehabilitation includes resurfacing, drainage improvements, re-shape, pave, install signage and road markers.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Design	SM	0	45,150	0	0	
Design	STP	0	454,850	0	0	
Right of Way	SM	0	0	15,351	0	
Right of Way	STP	0	0	154,649	0	
Construction	AC	0	0	0	11,234,795	
Construction	SM	0	0	0	1,115,205	
Utilities	SM	0	0	0	10,204	
Utilities	STP	0	0	0	102,796	
Totals:		0	500,000	170,000	12,463,000	11,234,795

Program: Community Transportation Program	Sponsor:
Primary Work: System Preservation	PEB Score: 335
2013 Election District: 39 Bering Straits/Yukon Delta	Criteria: Urban and Rural
Borough/Census Area: Nome	Functional Class: MAJOR COLLECTOR
Municipal Planning Org. (MPO): not identified	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 28349

Title: Nome Front Street Resurfacing

Region: Northern

Place Name: Nome

Highway: N/A

Project Description:

Resurface Front Street from Greg Kruschek Avenue to Bering Street; approximately 1.1 miles.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Design	SM	0	0	0	36,120	
Design	STP	0	0	0	363,880	
Totals:		0	0	0	400,000	7,100,000

Program: Community Transportation Program	Sponsor: _____
Primary Work: System Preservation	PEB Score: _____
2013 Election District: 39 Bering Straits/Yukon Delta	Criteria: _____
Borough/Census Area: Nome	Functional Class: Rural Major Collector
Municipal Planning Org. (MPO): non-MPO	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 2118

Title: Richardson Highway Mile Point 161-170 (Milepost 159-167) Reconstruction

Region: Northern

Place Name: Northern Region

Highway: Richardson Highway

Project Description:

Reconstruct the Richardson Highway and replace the Haggard Creek Culvert with Bridge #0576. Project will include bridge work, roadside hardware, drainage improvements and utility relocations.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Construction	AC	35,114,420	0	0	0	
Construction	ACC	0	-20,000,000	-15,114,420	0	
Construction	NHPP	0	20,000,000	15,114,420	0	
Construction	SM	3,485,580	0	0	0	
Totals:		38,600,000	0	0	0	0

Program: National Highway System	Sponsor: DOT&PF
Primary Work: Reconstruction	PEB Score:
2013 Election District: 9 Richardson Highway/East MatSu	Criteria:
Borough/Census Area: Valdez-Cordova	Functional Class: MINOR ARTERIAL
Municipal Planning Org. (MPO): not identified	
Performance Measures: Pavement, Safety	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 2119

Title: Richardson Highway Mile Point 169-176 (Milepost 167 - 173) Reconstruction

Region: Northern

Place Name: Northern Region

Highway: Richardson Highway

Project Description:

Widen and reconstruct to current standards.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Construction	AC	0	0	0	27,291,000	
Construction	SM	0	0	0	2,709,000	
Totals:		0	0	0	30,000,000	27,291,000

Program: National Highway System	Sponsor: DOT&PF
Primary Work: Reconstruction	PEB Score: _____
2013 Election District: 9 Richardson Highway/East MatSu	Criteria: _____
Borough/Census Area: Valdez-Cordova	Functional Class: MINOR ARTERIAL
Municipal Planning Org. (MPO): not identified	
Performance Measures: Pavement, Safety	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 6462

Title: Highway Safety Improvement Program/Safety Management

Region: Northern

Place Name: Northern Region

Highway:

Project Description:

Program management for support of HSIP activities.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Other / Miscellaneous	SA	324,000	324,000	324,000	324,000	
Other / Miscellaneous	SM	36,000	36,000	36,000	36,000	
Totals:		360,000	360,000	360,000	360,000	720,000

Program: Required programs and Preventive Maintenance	Sponsor: DOT&PF
Primary Work: Safety	PEB Score:
2013 Election District: 60 Fairbanks Areawide	Criteria:
Borough/Census Area: Various Boroughs	Functional Class: N/A
Municipal Planning Org. (MPO): non-MPO	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 18923

Title: Pavement and Bridge Preservation

Region: Northern

Place Name: Northern Region

Highway:

Project Description:

Crack sealing, surface treatment drainage, signage, guardrail, illumination, and other refurbishments to prolong the life of road pavement and bridges and their safety related structures. Project includes NHS Lane Delineators, Destination & Distance Signing, Pavement Markings and Signalization, Abandoned Vehicle Program, Road Surfacing and Transfer, Road Surface Treatments, and improve curb ramps to meet ADA standards (in coordination with Need ID 30397). Project also includes preservation planning and reconnaissance activities. The scope does not include landscaping or other elements inconsistent with a pavement preservation focus.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Multi-Phase Activity	NHPP	16,829,450	24,561,900	24,561,900	24,561,900	
Multi-Phase Activity	SM	4,379,550	5,147,100	5,147,100	5,147,100	
Multi-Phase Activity	STP	27,291,000	27,291,000	27,291,000	27,291,000	
Totals:		48,500,000	57,000,000	57,000,000	57,000,000	114,000,000

Program: Required programs and Preventive Maintenance	Sponsor: DOT&PF
Primary Work: System Preservation	PEB Score:
2013 Election District: 60 Fairbanks Areawide	Criteria:
Borough/Census Area: Various Boroughs	Functional Class: N/A
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: Bridge, Pavement	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 22299

Title: Alaska Highway Mile Point 12-45 (Milepost 1235 -1268)

Rehabilitation

Region: Northern

Place Name: Northern Region

Highway: Alaska Highway

Project Description:

Rehabilitate the Alaska Highway and construct passing lanes at various locations. This is the overall design for the entire termini. Construction will happen in two stages under NID 30280 and under the original NID 22299.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Totals:		0	0	0	0	30,000,000

Program: National Highway System	Sponsor: DOT&PF
Primary Work: System Preservation	PEB Score: _____
2013 Election District: 6 Eielson/Denali/Upper Yukon/Border Region	Criteria: _____
Borough/Census Area: Southeast Fairbanks	Functional Class: INTERSTATE
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: Bridge, Pavement, Safety	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 22315

Title: Alaska Highway Passing Lanes Mile Point 0-198 (Milepost 1221-1422) (Canadian Border to Delta Jct)

Region: Northern

Place Name: Northern Region

Highway: Alaska Highway

Project Description:

Construct passing lanes at various locations on the Alaska Highway to improve safety.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Construction	NHPP	0	0	5,455,800	0	
Construction	SM	0	0	544,200	0	
Totals:		0	0	6,000,000	0	0

Program: National Highway System	Sponsor: DOT&PF
Primary Work: New Construction	PEB Score: _____
2013 Election District: 6 Eielson/Denali/Upper Yukon/Border Region	Criteria: _____
Borough/Census Area: Southeast Fairbanks	Functional Class: INTERSTATE
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: Pavement, Safety, Travel Time	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 22331

Title: Parks Highway Mile Point 127-148 (Milepost 163-183)

Rehabilitation

Region: Northern

Place Name: Northern Region

Highway: Parks Highway

Project Description:

Rehabilitate the Parks Hwy to improve drainage, and construct passing lanes and an at grade railroad crossing at Milepost 169. This is the overall design project for the entire termini. Construction will happen in two stages under NID 30278 and the final segment under this NID.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Right of Way	NHPP	181,940	0	0	0	
Right of Way	SM	18,060	0	0	0	
Construction	AC	0	0	0	22,742,500	
Construction	SM	0	0	0	2,257,500	
Totals:		200,000	0	0	25,000,000	22,742,500

Program: National Highway System	Sponsor: DOT&PF
Primary Work: System Preservation	PEB Score:
2013 Election District: 10 Rural MatSu	Criteria:
Borough/Census Area: Matanuska - Susitna Borough	Functional Class: INTERSTATE
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: Bridge, Pavement, Safety	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 22446

Title: Dalton Highway Mile Point 17-38 (Milepost 18-37)

Reconstruction (Hess Creek Area)

Region: Northern

Place Name: Northern Region

Highway: Dalton Highway

Project Description:

Reconstruction, including widening, spot repairs and resurfacing of approximately 19 miles of the Dalton Highway in the Hess Creek Area. This is the overall design for the entire termini.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Design	ACC	-587,728	0	0	0	
Design	NHPP	587,728	0	0	0	
Construction	AC	0	0	43,665,600	0	
Construction	SM	0	0	4,334,400	0	
Totals:		0	0	48,000,000	0	43,665,600

Program: National Highway System	Sponsor: DOT&PF
Primary Work: Reconstruction	PEB Score:
2013 Election District: 6 Eielson/Denali/Upper Yukon/Border Region	Criteria:
Borough/Census Area: Yukon-Koyukuk	Functional Class: PRINCIPAL ARTERIAL - OTHER
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: Pavement, Safety, Travel Time	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 22452

Title: Dalton Hwy Mile Point 109-145 (Milepost 109-144)

Reconstruction (Old Man Camp to Jim River Bridge#3)

Region: Northern

Place Name: Northern Region

Highway: Dalton Highway

Project Description:

Reconstruction, including widening, spot repairs and resurfacing of approximately 35 miles of the Dalton Highway. Also includes replacing Douglas Creek Bridge #1560. This is the overall design for the entire termini. Construction will happen in 3 stages: NID 30276, NID 30270 and the final segment of construction including bridge #1560 under this NID 22452.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Right of Way	NHPP	0	0	9,097	0	
Right of Way	SM	0	0	903	0	
Utilities	NHPP	0	0	0	9,097	
Utilities	SM	0	0	0	903	
Totals:		0	0	10,000	10,000	32,500,000

Program: National Highway System	Sponsor: DOT&PF
Primary Work: Reconstruction	PEB Score:
2013 Election District: 6 Eielson/Denali/Upper Yukon/Border Region	Criteria:
Borough/Census Area: Yukon-Koyukuk	Functional Class: PRINCIPAL ARTERIAL - OTHER
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: Bridge, Pavement, Safety	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 22453

Title: Dalton Highway Mile Point 0-10 (Milepost 0-9)

Reconstruction (Livengood to 9 Mile Hill)

Region: Northern

Place Name: Northern Region

Highway: Dalton Highway

Project Description:

Reconstruct the Dalton Hwy to improve substandard sections, this work will include the replacement of the Lost Creek Culvert with bridge #2322. This project is the initial stage of a large scale effort to reconstruct critical segments of this highway prior to construction of the proposed natural gas pipeline.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Construction	NHFP	0	0	0	33,658,900	
Construction	SM	0	0	0	3,341,100	
Totals:		0	0	0	37,000,000	0

Program: National Highway System	Sponsor: DOT&PF
Primary Work: Reconstruction	PEB Score:
2013 Election District: 6 Eielson/Denali/Upper Yukon/Border Region	Criteria:
Borough/Census Area: Yukon-Koyukuk	Functional Class: PRINCIPAL ARTERIAL - OTHER
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: Pavement, Safety	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 22475

Title: Dalton Highway Mile Point 306-337 (Milepost 305-335)

Upgrades (Sag Camp to Happy Valley)

Region: Northern

Place Name: Northern Region

Highway: Dalton Highway

Project Description:

Upgrade the Dalton Highway from Milepost 305 to 335. Work includes resurfacing, minor realignments, grade raises, addition of turnouts, roadside hardware, drainage improvements, utilities, and replacement of the Dan Creek Bridge No. 1521.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Design	NHPP	0	1,546,490	0	0	
Design	SM	0	153,510	0	0	
Totals:		0	1,700,000	0	0	50,000,000

Program: National Highway System	Sponsor: DOT&PF
Primary Work: Reconstruction	PEB Score: _____
2013 Election District: 40 Arctic	Criteria: _____
Borough/Census Area: North Slope Borough	Functional Class: PRINCIPAL ARTERIAL - OTHER
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: Bridge, Pavement, Safety	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 22480

Title: Dalton Highway Mile Point 290-307 (MP 289-305)

Rehabilitation (Kuparuk to Sag Camp)

Region: Northern

Place Name: Northern Region

Highway: Dalton Highway

Project Description:

Rehabilitate and widen the Dalton Highway including minor realignments and grade raises. Construct turnouts and snowdrift mitigation features.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Construction	AC	0	36,388,000	0	0	
Construction	ACC	0	0	-18,194,000	-18,194,000	
Construction	NHPP	0	0	18,194,000	18,194,000	
Construction	SM	0	3,612,000	0	0	
Totals:		0	40,000,000	0	0	0

Program: National Highway System	Sponsor: DOT&PF
Primary Work: Reconstruction	PEB Score:
2013 Election District: 40 Arctic	Criteria:
Borough/Census Area: North Slope Borough	Functional Class: PRINCIPAL ARTERIAL - OTHER
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: Pavement, Safety	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 22481

Title: Dalton Highway Mile Point 363-417 (Milepost 362-414)
Reconstruction (Pump 2 to Deadhorse)

Region: Northern

Place Name: Northern Region

Highway: Dalton Highway

Project Description:

Reconstruct and pave 52 miles of the Dalton Highway. This corridor will be reconstructed in four segments: NID 29449, 29450, 29451, and the last stage of work will be to pave the entire project corridor under this NID.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Construction	AC	47,304,400	0	0	0	
Construction	ACC	0	-23,652,200	-23,652,200	0	
Construction	NHPP	0	23,652,200	23,652,200	0	
Construction	SM	4,695,600	0	0	0	
Totals:		52,000,000	0	0	0	0

Program: National Highway System	Sponsor: DOT&PF
Primary Work: Reconstruction	PEB Score: _____
2013 Election District: 40 Arctic	Criteria: _____
Borough/Census Area: North Slope Borough	Functional Class: PRINCIPAL ARTERIAL - OTHER
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: Pavement, Safety	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 24518

Title: Elliott Highway Mile Point 0-12 (Milepost 0-12)

Rehabilitation (Fox to Haystack)

Region: Northern

Place Name: Northern Region

Highway: Elliott Highway

Project Description:

Rehabilitation, restoration and resurfacing. Also includes shoulder widening in selected areas. Work includes bridge rehabilitation to Chatanika River Bridge #836

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Construction	ACC	-10,600,466	0	0	0	
Construction	NHPP	10,600,466	0	0	0	
Totals:		0	0	0	0	0

Program: National Highway System	Sponsor: DOT&PF
Primary Work: System Preservation	PEB Score: _____
2013 Election District: 4 Western Fairbanks	Criteria: _____
Borough/Census Area: Fairbanks North Star Borough	Functional Class: PRINCIPAL ARTERIAL - OTHER
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: Pavement, Safety	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 25598

Title: Richardson Highway Mile Point 358-364 (Milepost 357-362) Bicycle/Pedestrian Path

Region: Northern

Place Name: Northern Region

Highway: Richardson Highway

Project Description:

Construct a paved bicycle/pedestrian path on the Richardson Highway starting from the Richardson Highway/Airport Way intersection, continuing along the Richardson Highway to the Badger Loop North Bound Ramp, and terminating at the Badger Road/Old Richardson Highway intersection.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Totals:		0	0	0	0	4,600,000

Program: Trails and Recreational Access for Alaska	Sponsor:
Primary Work: New Construction	PEB Score: 341
2013 Election District: 2 Fairbanks/Wainwright	Criteria: TRAAK
Borough/Census Area: Fairbanks North Star Borough	Functional Class: INTERSTATE
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: CMAQ	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 26157

Title: Parks Highway Mile Point 195-196 (Milepost 231)

Enhancements

Region: Northern

Place Name: Northern Region

Highway: Parks Highway

Project Description:

Construct dedicated pedestrian facilities at McKinley Village including intersection improvements, a rest area, and trail and pedestrian facility connections. Work includes bridge work on Nenana River Park Boundary Bridge #694

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Right of Way	NHPP	45,485	0	0	0	
Right of Way	SM	4,515	0	0	0	
Construction	NHPP	0	0	11,826,100	0	
Construction	SM	0	0	1,173,900	0	
Totals:		50,000	0	13,000,000	0	0

Program: National Highway System	Sponsor: _____
Primary Work: Transportation Enhancements	PEB Score: _____
2013 Election District: 6 Eielson/Denali/Upper Yukon/Border Region	Criteria: _____
Borough/Census Area: Denali Borough	Functional Class: INTERSTATE
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: CMAQ, Pavement, Safety	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 27010

Title: Northern Region Signal Interconnect

Region: Northern

Place Name: Northern Region

Highway:

Project Description:

Improve capabilities of the Northern Region to communicate with signals, allowing for troubleshooting, signal timing modifications, and monitoring at single/multiple location(s). Project will include upgrades at NR Headquarters and incorporate improvements to interconnecting communication systems (for security and reliability), controller upgrades, signal timing plans, and other related items. Provide any related items and Training, Maintenance, and Operational funding as allowed by ITS.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Construction	CMAQ-F	150,000	0	0	0	
Construction	CMAQ-M	4,473,500	4,548,500	4,548,500	4,548,500	
Construction	SM	451,500	451,500	451,500	451,500	
Totals:		5,075,000	5,000,000	5,000,000	5,000,000	5,000,000

Program: Required programs and Preventive Maintenance	Sponsor: _____
Primary Work: ITS	PEB Score: _____
2013 Election District: 60 Fairbanks Areawide	Criteria: _____
Borough/Census Area: Various Boroughs	Functional Class: N/A
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: CMAQ	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 27524

Title: Denali Highway Mile Point 24-25 (Milepost 22) Rock Creek Bridge Replacement

Region: Northern

Place Name: Northern Region

Highway: Denali Highway

Project Description:

Replace Rock Creek Bridge #0684 on the Denali Highway.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Construction	AC	0	4,093,650	0	0	
Construction	ACC	0	0	-4,093,650	0	
Construction	SM	0	406,350	0	0	
Construction	STP	0	0	4,093,650	0	
Totals:		0	4,500,000	0	0	0

Program: Alaska Highway System	Sponsor: _____
Primary Work: Bridge Replacement	PEB Score: _____
2013 Election District: 9 Richardson Highway/East MatSu	Criteria: _____
Borough/Census Area: Unorganized Borough	Functional Class: MAJOR COLLECTOR
Municipal Planning Org. (MPO): non-MPO	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 27525

Title: McCarthy Road Mile Point 60-61 (Milepost 27) Chokosna River Bridge Replacement

Region: Northern

Place Name: Northern Region

Highway: Edgerton Highway

Project Description:

Replace the Chokosna River Bridge #1193 of McCarthy Road, (aka Edgerton Hwy/McCarthy Road). Work may include minor realignment to facilitate construction of the new bridge.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Construction	FLAP	0	2,500,000	0	0	
Construction	SM	0	413,055	0	0	
Construction	STP	0	1,886,945	0	0	
Totals:		0	4,800,000	0	0	0

Program: Alaska Highway System	Sponsor: _____
Primary Work: Bridge Replacement	PEB Score: _____
2013 Election District: 6 Eielson/Denali/Upper Yukon/Border Region	Criteria: _____
Borough/Census Area: Valdez-Cordova	Functional Class: MAJOR COLLECTOR
Municipal Planning Org. (MPO): non-MPO	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 28429

Title: Parks Highway Mile Point 147-157 (Milepost 183-192)

Reconstruction

Region: Northern

Place Name: Northern Region

Highway: Parks Highway

Project Description:

Reconstruct the Parks Highway and replace the East Fork Chulitna River Bridge #0260.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Totals:		0	0	0	0	32,000,000

Program: National Highway System	Sponsor: DOT&PF
Primary Work: Reconstruction	PEB Score: _____
2013 Election District: 9 Richardson Highway/East MatSu	Criteria: _____
Borough/Census Area: Matanuska - Susitna Borough	Functional Class: INTERSTATE
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: Bridge, Pavement, Safety	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 29973

Title: Richardson Highway Mile Point 68-84 (Milepost 65-80)

Rehabilitation

Region: Northern

Place Name: Northern Region

Highway: Richardson Highway

Project Description:

Rehabilitate the Richardson Highway, including bridge rehabilitation to Bridge 570, Squirrel Creek and replacing Tonsina River Bridge #569.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Utilities	NHPP	0	0	0	272,910	
Utilities	SM	0	0	0	27,090	
Totals:		0	0	0	300,000	31,600,000

Program: National Highway System	Sponsor: _____
Primary Work: System Preservation	PEB Score: _____
2013 Election District: 9 Richardson Highway/East MatSu	Criteria: _____
Borough/Census Area: Various Boroughs	Functional Class: PRINCIPAL ARTERIAL - OTHER
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: Pavement, Safety	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 30270

Title: Dalton Highway Mile Point 120-136 (Milepost 120-135)

Reconstruction (Pung Creek to Prospect Creek)

Region: Northern

Place Name: Northern Region

Highway: Dalton Highway

Project Description:

Reconstruction, including widening, spot repairs and resurfacing of approximately 15 miles of the Dalton Highway. This project is associated with NID 30276 and the parent design project NID 22452.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Construction	AC	0	0	0	26,836,150	
Construction	SM	0	0	0	2,663,850	
Totals:		0	0	0	29,500,000	26,836,150

Program: National Highway System	Sponsor:
Primary Work: Reconstruction	PEB Score:
2013 Election District: 40 Arctic	Criteria:
Borough/Census Area: Yukon-Koyukuk	Functional Class: PRINCIPAL ARTERIAL - OTHER
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: Bridge, Pavement, Safety	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 30276

Title: Dalton Highway Mile Point 109-121 (Milepost 109-120)

Reconstruction

Region: Northern

Place Name: Northern Region

Highway: Dalton Highway

Project Description:

Reconstruction, including widening, spot repairs and resurfacing of approximately 9 miles of the Dalton Highway. This project is associated with NID 30270 and the parent design project NID 22452.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Totals:		0	0	0	0	41,500,000

Program: National Highway System	Sponsor: DOT&PF
Primary Work: Reconstruction	PEB Score:
2013 Election District: 6 Eielson/Denali/Upper Yukon/Border Region	Criteria:
Borough/Census Area: Yukon-Koyukuk	Functional Class: PRINCIPAL ARTERIAL - OTHER
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: Bridge, Pavement, Safety	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 30278

Title: Parks Hwy Mile Point 127-139 (Milepost 163-168.5,169.5-174) Rehabilitation, excluding R/R crossing

Region: Northern

Place Name: Northern Region

Highway: Parks Highway

Project Description:

Rehabilitate the Parks Highway to improve drainage and construct passing lanes. This is the first stage of a two stage project designed under parent Need ID 22331.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Construction	AC	4,000,000	0	0	0	
Construction	ACC	0	0	-4,000,000	0	
Construction	NHPP	15,614,000	0	4,000,000	0	
Construction	SM	1,386,000	0	0	0	
Totals:		21,000,000	0	0	0	0

Program: National Highway System	Sponsor: _____
Primary Work: System Preservation	PEB Score: _____
2013 Election District: 10 Rural MatSu	Criteria: _____
Borough/Census Area: Matanuska - Susitna Borough	Functional Class: INTERSTATE
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: Bridge, Pavement, Safety	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 30280

Title: Alaska Highway Mile Point 12-29 (Milepost 1235-1251)

Rehabilitation

Region: Northern

Place Name: Northern Region

Highway: Alaska Highway

Project Description:

Rehabilitate the Alaska Highway, including repairs to Gardiner Creek Bridge #503 and Ten Mile Creek Bridge #7085 This project is also associated with NID 22299, the parent design project.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Construction	NHPP	0	0	25,471,600	0	
Construction	SM	0	0	2,528,400	0	
Totals:		0	0	28,000,000	0	0

Program: National Highway System	Sponsor: _____
Primary Work: System Preservation	PEB Score: _____
2013 Election District: 6 Eielson/Denali/Upper Yukon/Border Region	Criteria: _____
Borough/Census Area: Southeast Fairbanks	Functional Class: INTERSTATE
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: Bridge, Pavement, Safety	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 30369

Title: Northern Region ADA Reconnaissance and Improvements

Region: Northern

Place Name: Northern Region

Highway: N/A

Project Description:

This project will design and construct improvements recommended by the Northern Region ADA Reconnaissance Study.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Multi-Phase Activity	SM	31,605	225,750	198,660	158,025	
Multi-Phase Activity	STP	318,395	2,274,250	2,001,340	1,591,975	
Totals:		350,000	2,500,000	2,200,000	1,750,000	3,400,000

Program: Required programs and Preventive Maintenance	Sponsor: _____
Primary Work: Reconstruction	PEB Score: _____
2013 Election District: 93 Northern Region	Criteria: _____
Borough/Census Area: Various Boroughs	Functional Class: N/A
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: Safety	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 30995

Title: Parks Highway Mile Post 206-209 Reconstruction

Region: Northern

Place Name: Northern Region

Highway: Parks Highway

Project Description:

Reconstruct the Parks Highway to address substandard geometry with crash history. Work includes replacement of Pass Creek Bridge #293.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Design	NHPP	0	934,000	0	560,400	
Design	SM	0	66,000	0	39,600	
Totals:		0	1,000,000	0	600,000	16,186,000

Program: National Highway System	Sponsor: _____
Primary Work: Reconstruction	PEB Score: _____
2013 Election District: 6 Eielson/Denali/Upper Yukon/Border Region	Criteria: _____
Borough/Census Area: Unorganized Borough	Functional Class: INTERSTATE
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: Pavement, Safety	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 30998

Title: Elliott Highway Milepost 51-63 Rehabilitation

Region: Northern

Place Name: Northern Region

Highway: Elliott Highway

Project Description:

Rehabilitate the Elliott Highway from MP 51-MP 63, including the Tolovana Bridge #440. Some segments may require construction of a new alignment and major rehabilitation (MP 52-55). Work includes resurfacing, roadside hardware, drainage improvements, and utilities.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Design	NHPP	0	454,850	0	0	
Design	SM	0	45,150	0	0	
Construction	AC	0	0	0	27,291,000	
Construction	SM	0	0	0	2,709,000	
Utilities	NHPP	0	0	90,970	0	
Utilities	SM	0	0	9,030	0	
Totals:		0	500,000	100,000	30,000,000	27,291,000

Program: National Highway System	Sponsor: _____
Primary Work: Reconstruction	PEB Score: _____
2013 Election District: 6 Eielson/Denali/Upper Yukon/Border Region	Criteria: _____
Borough/Census Area: Unorganized Borough	Functional Class: PRINCIPAL ARTERIAL - OTHER
Municipal Planning Org. (MPO): not identified	
Performance Measures: Bridge, Pavement, Safety	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 23657

Title: Nulato Airport Access Road Improvements

Region: Northern

Place Name: Nulato

Highway:

Project Description:

Rehabilitate the Nulato Airport Access Road and Mukluk Creek Bridge #1382.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Right of Way	SM	903	0	0	0	
Right of Way	STP	9,097	0	0	0	
Construction	AC	3,183,950	0	0	0	
Construction	ACC	0	-1,591,975	-1,591,975	0	
Construction	SM	316,050	0	0	0	
Construction	STP	0	1,591,975	1,591,975	0	
Totals:		3,510,000	0	0	0	0

Program: Community Transportation Program	Sponsor: DOT&PF
Primary Work: Bridge Rehabilitation	PEB Score:
2013 Election District: 39 Bering Straits/Yukon Delta	Criteria:
Borough/Census Area: Yukon-Koyukuk	Functional Class: MINOR COLLECTOR
Municipal Planning Org. (MPO): non-MPO	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 32359
Title: Ruby Slough Road
Region: Northern
Place Name: Ruby
Highway: N/A

Project Description:

Reconstruct and rehabilitate Ruby Slough Road from Ruby Slough to Ruby-Poorman Road. Work includes road rehabilitation, drainage improvements and roadside hardware.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Design	3PF	0	31,605	27,090	0	
Design	STP	0	318,395	272,910	0	
Totals:		0	350,000	300,000	0	7,000,000

Program: Community Transportation Program	Sponsor: -
Primary Work: Reconstruction	PEB Score: -
2013 Election District: 39 Bering Straits/Yukon Delta	Criteria: -
Borough/Census Area: Yukon-Koyukuk	Functional Class: -
Municipal Planning Org. (MPO): non-MPO	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 23675

Title: Selawik Barge Landing Access Road and Boardwalk Improvements

Region: Northern

Place Name: Selawik

Highway:

Project Description:

Rehabilitate the existing barge landing access road, construct a new gravel barge staging pad, install lighting, and replace sections of existing boardwalk. Will also include rehabilitation of the utility crossing at the land fill.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Construction	AC	0	0	6,877,332	0	
Construction	ACC	0	0	0	-6,877,332	
Construction	SM	0	0	682,668	0	
Construction	STP	0	0	0	6,877,332	
Totals:		0	0	7,560,000	0	0

Program: Community Transportation Program	Sponsor: Selawik IRA
Primary Work: Reconstruction	PEB Score:
2013 Election District: 40 Arctic	Criteria:
Borough/Census Area: Northwest Arctic Borough	Functional Class: LOCAL
Municipal Planning Org. (MPO): non-MPO	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 3687

Title: Shageluk Airport Access Road Improvements

Region: Northern

Place Name: Shageluk

Highway:

Project Description:

Reconstruct the 2.6 mile airport access road. Work will include embankment stabilization, minor realignment and resurfacing.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Construction	AC	0	6,458,870	0	0	
Construction	ACC	0	0	0	-6,458,870	
Construction	SM	0	641,130	0	0	
Construction	STP	0	0	0	6,458,870	
Totals:		0	7,100,000	0	0	0

Program: Community Transportation Program	Sponsor: Shageluk City Council
Primary Work: Reconstruction	PEB Score: 133.3
2013 Election District: 37 Bristol Bay/Aleutians/Upper Kuskokwim	Criteria: Remote and Trails
Borough/Census Area: Yukon-Koyukuk	Functional Class: MINOR COLLECTOR
Municipal Planning Org. (MPO): non-MPO	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 33248

Title: Shishmaref Sanitation Road Erosion Control

Region: Northern

Place Name: Shishmaref

Highway: N/A

Project Description:

Repair damaged sections of the Shishmaref Sanitation Road and construct erosion control features, including drainage improvements and roadside hardware.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Design	EMRK	0	180,000	30,000	0	
Construction	3PF	0	0	99,330	0	
Construction	EMRK	0	0	2,400,000	0	
Construction	SM	0	0	99,330	0	
Construction	STP	0	0	2,001,340	0	
Totals:		0	180,000	4,630,000	0	0

Program: Community Transportation Program	Sponsor: _____
Primary Work: System Preservation	PEB Score: _____
2013 Election District: 39 Bering Straits/Yukon Delta	Criteria: _____
Borough/Census Area: Unorganized Borough	Functional Class: N/A
Municipal Planning Org. (MPO): not identified	
Performance Measures: Safety	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 33278

Title: Burma Pit Road Little Tonsina Bridge Replacement

Region: Northern

Place Name: Tonsina

Highway: N/A

Project Description:

Replace the Little Tonsina Bridge on Burma Pit Road near MP 74.2 of the Richardson Highway.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Design	OSF	0	300,000	0	0	
Construction	OSF	0	0	700,000	0	
Totals:		0	300,000	700,000	0	0

Program: Community Transportation Program	Sponsor: _____
Primary Work: Bridge Replacement	PEB Score: _____
2013 Election District: 9 Richardson Highway/East MatSu	Criteria: _____
Borough/Census Area: Unorganized Borough	Functional Class: LOCAL
Municipal Planning Org. (MPO): not identified	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 29811

Title: Richardson Highway Mile Point 268-343 (Milepost 266-341) Passing Lanes (Delta Jct to Eielson)

Region: Northern

Place Name: Various

Highway: Richardson Highway

Project Description:

Construct passing lanes at various locations on the Richardson Highway to improve safety. Project is expected to be constructed under the HSIP program 19217.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Design	NHPP	454,850	0	0	0	
Design	SM	45,150	0	0	0	
Totals:		500,000	0	0	0	0

Program: National Highway System	Sponsor: _____
Primary Work: New Construction	PEB Score: _____
2013 Election District: 6 Eielson/Denali/Upper Yukon/Border Region	Criteria: _____
Borough/Census Area: Southeast Fairbanks	Functional Class: INTERSTATE
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: Pavement, Safety, Travel Time	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 31596
Title: Winter Trail Marking
Region: Northern
Place Name: Various
Highway: N/A

Project Description:

Mark overland winter trails in Northern and Central Region with semi-permanent trail markers. Trail markers will ensure winter travelers can safely journey between communities in the area.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Design	SM	9,030	9,030	9,030	9,030	
Design	STP	90,970	90,970	90,970	90,970	
Construction	SM	45,150	85,785	67,725	67,725	
Construction	STP	454,850	864,215	682,275	682,275	
Totals:		600,000	1,050,000	850,000	850,000	1,700,000

Program: Required programs and Preventive Maintenance	Sponsor: _____
Primary Work: Other	PEB Score: _____
2013 Election District: 99 Statewide	Criteria: _____
Borough/Census Area: Various Boroughs	Functional Class: N/A
Municipal Planning Org. (MPO): not identified	
Performance Measures: Safety	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 32218

Title: Prince William Sound Area Transportation Plan Update

Region: Northern

Place Name: Various

Highway: N/A

Project Description:

Update the 2001 Prince William Sound Area Transportation Plan

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Other / Miscellaneous	PLNG	0	0	400,000	0	
Other / Miscellaneous	SM	0	0	100,000	0	
Totals:		0	0	500,000	0	0

Program: Required programs and Preventive Maintenance	Sponsor: _____
Primary Work: Planning	PEB Score: _____
2013 Election District: 9 Richardson Highway/East MatSu	Criteria: _____
Borough/Census Area: Valdez-Cordova	Functional Class: N/A
Municipal Planning Org. (MPO): not identified	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 32219
Title: Northern Region ITS
Region: Northern
Place Name: Various
Highway: N/A

Project Description:

Purchase, install, repair, replace, redeploy, operate, and maintain, as allowed by ITS regulations, traffic signal, traveler, information, traffic incident management and illumination, and other Intelligent Transportation Systems (ITS) equipment activities and provide for equipment operations and management training activities, improving operations such as remote operation of traffic signals, provide traveler information via changeable message signs and 511, and energy/cost saving in roadway illumination.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Multi-Phase Activity	SM	9,030	0	22,575	0	
Multi-Phase Activity	STP	90,970	0	227,425	0	
Totals:		100,000	0	250,000	0	0

Program: Required programs and Preventive Maintenance	Sponsor: _____
Primary Work: ITS	PEB Score: _____
2013 Election District: 93 Northern Region	Criteria: _____
Borough/Census Area: Various Boroughs	Functional Class: N/A
Municipal Planning Org. (MPO): not identified	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 32580

Title: Richardson Highway MP 233 Bear Creek Bridge #0593

Replacement

Region: Northern

Place Name: Various

Highway: Richardson Highway

Project Description:

Reconstruct the Richardson Highway between MP232 and 234.5, and replace the Bear Creek Bridge #0593. This work will also include drainage improvements, roadside hardware and utilities. Project is associated with work under the Richardson Hwy MP 206-233 PEL Study 0A23023/NFHWWY00508, which was initiated under STIP Need ID 31597, Statewide Planning and Environmental Linkages Program.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Design	NHPP	0	545,820	398,449	0	
Design	SM	0	54,180	39,551	0	
Utilities	AC	0	0	0	409,365	
Utilities	SM	0	0	0	40,635	
Totals:		0	600,000	438,000	450,000	9,600,000

Program: National Highway System	Sponsor:
Primary Work: Reconstruction	PEB Score:
2013 Election District: 6 Eielson/Denali/Upper Yukon/Border Region	Criteria:
Borough/Census Area: Unorganized Borough	Functional Class: MINOR ARTERIAL
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: Bridge	

Southcoast Region Projects

The projects in this section are grouped alphabetically by place name then numerically by need ID number. If you have questions about projects in this section, please contact the

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**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 2152

Title: Haines Highway Reconstruction, MP 3.5-25.3

Region: Southcoast

Place Name: Haines

Highway: Haines Highway

Project Description:

Replace bridge #742 and realignment of road on either side. Widen road to 36'. Straighten curves to meet a 55 mph design speed. Provide a long-term solution to debris flow problems. Enhancements planned along the Chilkat River. This project will construct from Mile Point 20 to 25 (Milepost 20 to 25.3) and is one of three construction projects that fall under the Haines Highway Reconstruction design project, Need ID 2152. Other construction segments under Need IDs 26330 and 27829.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Construction	AC	0	0	14,646,170	0	
Construction	ACC	0	0	0	-14,646,170	
Construction	NHPP	0	0	17,193,330	14,646,170	
Construction	SM	0	0	3,160,500	0	
Utilities	NHPP	0	0	545,820	0	
Utilities	SM	0	0	54,180	0	
Totals:		0	0	35,600,000	0	0

Program: National Highway System	Sponsor: DOT&PF
Primary Work: Reconstruction	PEB Score:
2013 Election District: 33 Downtown Juneau/Douglas/Haines/Skagway	Criteria:
Borough/Census Area: Haines Borough	Functional Class: Rural Other Principal Arterial
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: Bridge	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 26330

Title: Haines Highway Reconstruction: Mile Point 11 to 20
(Milepost 12.2 to 20)

Region: Southcoast

Place Name: Haines

Highway: Haines Highway

Project Description:

Widen the highway to a paved width of 36' and improve the roadside environment. Improve drainage, straighten selected curves to a 55 mph design speed where able and other improvements, including addressing the mudslide area. This is one of three construction projects that fall under the Haines Highway Reconstruction Design project. See Need ID's 2152, 22279, and 27829.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Construction	AC	44,514,315	0	0	0	
Construction	ACC	0	-44,514,315	0	0	
Construction	NHPP	0	44,514,315	0	0	
Construction	SM	4,418,647	0	0	0	
Utilities	AC	2,566,657	0	0	0	
Utilities	ACC	0	-2,566,657	0	0	
Utilities	NHPP	0	2,566,657	0	0	
Utilities	SM	254,775	0	0	0	
Totals:		51,754,394	0	0	0	0

Program: National Highway System	Sponsor: _____
Primary Work: Reconstruction	PEB Score: _____
2013 Election District: 33 Downtown Juneau/Douglas/Haines/Skagway	Criteria: _____
Borough/Census Area: Haines Borough	Functional Class: PRINCIPAL ARTERIAL - OTHER
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: Freight Travel Time, Pavement	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 33043

Title: Hoonah Harbor Way Pedestrian Improvements and Pitt Island Cemetery Walkway

Region: Southcoast

Place Name: Hoonah

Highway: N/A

Project Description:

Provide safe and reliable access to the community's cemetery which is located on Pitt Island, and help alleviate tourist related pedestrian congestion in the Harbor area.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Design	3PF	32,508	12,191	0	0	
Design	TAP	327,492	122,810	0	0	
Right of Way	3PF	0	903	0	0	
Right of Way	TAP	0	9,097	0	0	
Construction	3PF	0	0	424,410	0	
Construction	TAP	0	0	4,275,590	0	
Utilities	3PF	0	0	903	0	
Utilities	TAP	0	0	9,097	0	
Totals:		360,000	145,001	4,710,000	0	0

Program: Transportation Alternatives Program	Sponsor: _____
Primary Work: New Construction	PEB Score: _____
2013 Election District: 35 Sitka/Petersburg	Criteria: _____
Borough/Census Area: Hoonah-Angoon Census Area	Functional Class: N/A
Municipal Planning Org. (MPO): non-MPO	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 23563

Title: Egan Drive Improvements - Main St to 10th St.

Region: Southcoast

Place Name: Juneau

Highway:

Project Description:

Resurface Egan Drive from Main Street to 10th Street. Replace retaining wall under Merchants Wharf. Improve intersections, pedestrian facilities, add bike lanes as appropriate, and improve curb ramps to meet ADA standards as required according to the Alaska Preconstruction Manual.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Construction	ACC	-5,846,279	0	0	0	
Construction	NHPP	5,846,279	0	0	0	
Totals:		0	0	0	0	0

Program: National Highway System	Sponsor: SER DOT&PF
Primary Work: Reconstruction	PEB Score:
2013 Election District: 33 Downtown Juneau/Douglas/Haines/Skagway	Criteria:
Borough/Census Area: Juneau, City and Borough of	Functional Class: PRINCIPAL ARTERIAL - OTHER
Municipal Planning Org. (MPO): not identified	
Performance Measures: Pavement, Safety	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 26112

Title: Juneau - Glacier Highway Improvements (Lemon Creek Area)

Region: Southcoast

Place Name: Juneau

Highway: Glacier Highway

Project Description:

Resurface and improve Glacier Hwy from Glacier Highway Access Road to Twin Lakes. Improvements include: resurface entire length of roadway and address drainage needs, add pedestrian facilities on the water side of street, convert the Renninger Street intersection to a roundabout, add a traffic signal to the Davis Street intersection, adjust other driveways and intersections as needed, improve curb ramps to meet ADA standards as required according to the Alaska Preconstruction Manual, stripe bike lanes, determine crosswalk locations, install bus pullouts as needed, and address lighting needs.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Design	SM	0	9,030	0	0	
Design	STP	0	90,970	0	0	
Right of Way	SM	0	51,922	0	0	
Right of Way	STP	0	523,078	0	0	
Construction	AC	0	18,375,940	0	0	
Construction	ACC	0	0	-18,375,940	0	
Construction	SM	0	1,824,060	0	0	
Construction	STP	0	0	18,375,940	0	
Utilities	SM	0	72,240	0	0	
Utilities	STP	0	727,760	0	0	
Totals:		0	21,675,000	0	0	0

Program: Community Transportation Program	Sponsor:
Primary Work: Reconstruction	PEB Score: 392
2013 Election District: 33 Downtown Juneau/Douglas/Haines/Skagway	Criteria: Urban and Rural
Borough/Census Area: Juneau, City and Borough of	Functional Class: MINOR ARTERIAL
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: Safety	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 29629

Title: Juneau - Riverside and Stephen Richards Congestion Mitigation

Region: Southcoast

Place Name: Juneau

Highway: N/A

Project Description:

This project will reduce congestion in the Mendenhall Valley non-attainment area by improving the Riverside and Stephen Richards intersection. The current 4 way stop will be replaced with a traffic control option that will improve traffic flow, particularly during am and pm peak periods. A compact roundabout and enhanced signalization will be considered as potential solutions to current congestion at this intersection.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Utilities	3PF	903	0	0	0	
Utilities	CMAQ-M	9,097	0	0	0	
Totals:		10,000	0	0	0	0

Program: Required programs and Preventive Maintenance	Sponsor: _____
Primary Work: Reconstruction	PEB Score: _____
2013 Election District: 34 Mendenhall Valley	Criteria: _____
Borough/Census Area: Juneau, City and Borough of	Functional Class: MINOR ARTERIAL
Municipal Planning Org. (MPO): not identified	
Performance Measures: CMAQ	

**2020-2023 Alaska Statewide Transportation Improvement Program
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Need ID: 33042

Title: Brotherhood Bridge / Kax Trail Improvements

Region: Southcoast

Place Name: Juneau

Highway: N/A

Project Description:

Repair existing trail, replace pedestrian bridge across Montana Creek and create a new segment of paved trail which connects from the edge of Brotherhood Meadow to the Wildmeadow neighborhood and connects into the newly constructed trail from Pederson Hill neighborhood. Project will also increase sight distance for users and add bike racks and interpretive signage.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Design	3PF	26,187	18,060	0	0	
Design	TAP	263,813	181,940	0	0	
Right of Way	3PF	0	903	0	0	
Right of Way	TAP	0	9,097	0	0	
Construction	3PF	0	0	195,951	0	
Construction	TAP	0	0	1,974,049	0	
Utilities	3PF	0	903	0	0	
Utilities	TAP	0	9,097	0	0	
Totals:		290,000	220,000	2,170,000	0	0

Program: Transportation Alternatives Program	Sponsor: _____
Primary Work: Reconstruction	PEB Score: _____
2013 Election District: 33 Downtown Juneau/Douglas/Haines/Skagway	Criteria: _____
Borough/Census Area: Juneau, City and Borough of	Functional Class: N/A
Municipal Planning Org. (MPO): not identified	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 8990

Title: Ketchikan - Water Street Trestle No. 1 Improvement

Region: Southcoast

Place Name: Ketchikan

Highway:

Project Description:

Replace or rehabilitate Water Street Trestle No. 1 (No. 389)

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Design	3PF	63,210	0	0	0	
Design	STP	636,790	0	0	0	
Right of Way	3PF	0	9,030	0	0	
Right of Way	STP	0	90,970	0	0	
Construction	3PF	0	207,690	0	0	
Construction	STP	0	2,092,310	0	0	
Utilities	3PF	0	9,030	0	0	
Utilities	STP	0	90,970	0	0	
Totals:		700,000	2,500,000	0	0	0

Program: Community Transportation Program	Sponsor: City of Ketchikan
Primary Work: Bridge Rehabilitation	PEB Score:
2013 Election District: 36 Ketchikan/Wrangell/Metlakatla/Hydaburg	Criteria: Urban and Rural
Borough/Census Area: Ketchikan Gateway Borough	Functional Class: LOCAL
Municipal Planning Org. (MPO): non-MPO	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 21114

Title: Ketchikan - S. Tongass Hwy Improvements Deermount to Saxman

Region: Southcoast

Place Name: Ketchikan

Highway: South Tongass Highway

Project Description:

Reconstruct roadway and related non-motorized facilities, as necessary, to improve safe movement of vehicle, bicycle and pedestrian traffic on Stedman and South Tongass Hwy. Project begins at approximately Deermount Street and ends approximately 0.2 miles before Totem St. in Saxman; total project length is about 2 miles long. Include pedestrian and bicycle improvements as needed throughout the project with improved curb ramps to meet ADA standards as required according to the Alaska Preconstruction Manual.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Construction	AC	0	0	27,109,060	0	
Construction	ACC	0	0	0	-27,109,060	
Construction	SM	0	0	2,690,940	0	
Construction	STP	0	0	0	27,109,060	
Utilities	SM	0	0	18,060	0	
Utilities	STP	0	0	181,940	0	
Totals:		0	0	30,000,000	0	0

Program: Alaska Highway System	Sponsor: DOT&PF
Primary Work: Reconstruction	PEB Score:
2013 Election District: 36 Ketchikan/Wrangell/Metlakatla/Hydaburg	Criteria: Urban and Rural
Borough/Census Area: Ketchikan Gateway Borough	Functional Class: MINOR ARTERIAL
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: Safety	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 23455

Title: Ketchikan - S Tongass Hwy Improvements Saxman to Surf St

Region: Southcoast

Place Name: Ketchikan

Highway: South Tongass Highway

Project Description:

Reconstruct South Tongass Highway from Saxman to Surf Street. Construct pedestrian facilities through this segment on the water side. Construct guardrail and drainage improvements as needed.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Construction	AC	0	0	11,826,100	0	
Construction	ACC	0	0	0	-11,826,100	
Construction	SM	0	0	1,173,900	0	
Construction	STP	0	0	0	11,826,100	
Utilities	AC	0	0	181,940	0	
Utilities	ACC	0	0	0	-181,640	
Utilities	SM	0	0	18,060	0	
Utilities	STP	0	0	0	181,640	
Totals:		0	0	13,200,000	0	0

Program: Alaska Highway System	Sponsor: SER DOT&PF
Primary Work: Reconstruction	PEB Score: _____
2013 Election District: 36 Ketchikan/Wrangell/Metlakatla/Hydaburg	Criteria: _____
Borough/Census Area: Ketchikan Gateway Borough	Functional Class: MINOR ARTERIAL
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: Safety	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 27766

Title: Ketchikan - So. Tongass Highway - Tongass Ave Improvements

Region: Southcoast

Place Name: Ketchikan

Highway: South Tongass Highway

Project Description:

Resurface pavement and construct improvements along South Tongass Highway between Hoadley Creek Bridge and the Tongass Avenue Viaduct in the vicinity of Elliot Street.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Design	NHPP	181,940	0	0	0	
Design	SM	18,060	0	0	0	
Right of Way	NHPP	0	979,459	0	0	
Right of Way	SM	0	97,225	0	0	
Construction	NHPP	0	0	5,458,200	0	
Construction	SM	0	0	541,800	0	
Utilities	NHPP	0	454,850	0	0	
Utilities	SM	0	45,150	0	0	
Totals:		200,000	1,576,684	6,000,000	0	0

Program: National Highway System	Sponsor: _____
Primary Work: System Preservation	PEB Score: _____
2013 Election District: 36 Ketchikan/Wrangell/Metlakatla/Hydaburg	Criteria: _____
Borough/Census Area: Ketchikan Gateway Borough	Functional Class: MINOR ARTERIAL
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: Bridge, Pavement	

**2020-2023 Alaska Statewide Transportation Improvement Program
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Need ID: 28810

Title: Ketchikan - Herring Cove Bridge Improvement

Region: Southcoast

Place Name: Ketchikan

Highway: South Tongass Highway

Project Description:

Replace the Herring Cove Bridge (No. 253) to include pedestrian facilities and improve the intersection of S. Tongass and Powerhouse Rd. and the intersection of S. Tongass and Wood Rd.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Design	SM	45,150	58,695	0	0	
Design	STP	454,850	591,305	0	0	
Right of Way	SM	22,408	0	0	0	
Right of Way	STP	225,742	0	0	0	
Construction	SM	0	1,390,620	0	0	
Construction	STP	0	14,009,380	0	0	
Utilities	SM	0	29,257	0	0	
Utilities	STP	0	294,743	0	0	
Totals:		748,150	16,374,000	0	0	0

Program: Alaska Highway System	Sponsor: _____
Primary Work: Bridge Replacement	PEB Score: _____
2013 Election District: 36 Ketchikan/Wrangell/Metlakatla/Hydaburg	Criteria: _____
Borough/Census Area: Ketchikan Gateway Borough	Functional Class: MAJOR COLLECTOR
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: Safety	

**2020-2023 Alaska Statewide Transportation Improvement Program
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Need ID: 28890

Title: Ketchikan - Sayles/Gorge St. Viaduct (#1841) Improvement

Region: Southcoast

Place Name: Ketchikan

Highway: N/A

Project Description:

Replace or rehabilitate the Sayles/Gorge St. Viaduct (#1841) in Ketchikan

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Design	3PF	0	63,210	0	0	
Design	ACC	0	-432,107	0	0	
Design	STP	0	1,068,897	0	0	
Right of Way	3PF	0	9,030	0	0	
Right of Way	STP	0	90,970	0	0	
Construction	3PF	0	0	225,750	0	
Construction	AC	0	0	2,274,250	0	
Utilities	3PF	0	0	9,030	0	
Utilities	STP	0	0	90,970	0	
Totals:		0	800,000	2,600,000	0	2,274,250

Program: Community Transportation Program	Sponsor: _____
Primary Work: Bridge Replacement	PEB Score: _____
2013 Election District: 36 Ketchikan/Wrangell/Metlakatla/Hydaburg	Criteria: _____
Borough/Census Area: Ketchikan Gateway Borough	Functional Class: LOCAL
Municipal Planning Org. (MPO): non-MPO	

**2020-2023 Alaska Statewide Transportation Improvement Program
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Need ID: 30829

Title: New Gravina Island Shuttle Ferry Berth and Related Terminal Improvements

Region: Southcoast

Place Name: Ketchikan

Highway: N/A

Project Description:

Construct new ferry berth and other upland improvements to the airport ferry terminal on Gravina Island in Ketchikan, Alaska.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Construction	EMRK	11,970,688	0	0	0	
Construction	SM	1,188,252	0	0	0	
Totals:		13,158,940	0	0	0	0

Program:	National Highway System	Sponsor:	Southcoast
Primary Work:	New Construction	PEB Score:	
2013 Election District:	36 Ketchikan/Wrangell/Metlakatla/Hydaburg	Criteria:	
Borough/Census Area:	Ketchikan Gateway Borough	Functional Class:	PRINCIPAL ARTERIAL - OTHER
Municipal Planning Org. (MPO):	non-MPO		
Performance Measures:	N/A		

**2020-2023 Alaska Statewide Transportation Improvement Program
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Need ID: 30830

Title: Ketchikan - Revilla New Ferry Berth & Upland Improvements

Region: Southcoast

Place Name: Ketchikan

Highway: N/A

Project Description:

Construct new ferry terminal berthing facility for the airport ferry.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Design	ACC	-860,435	0	0	0	
Design	EMRK	860,435	0	0	0	
Construction	EMRK	26,435,092	0	0	0	
Construction	SM	2,624,040	0	0	0	
Utilities	EMRK	68,228	0	0	0	
Utilities	SM	6,772	0	0	0	
Totals:		29,134,132	0	0	0	0

Program: National Highway System	Sponsor: Southcoast
Primary Work: Reconstruction	PEB Score:
2013 Election District: 36 Ketchikan/Wrangell/Metlakatla/Hydaburg	Criteria:
Borough/Census Area: Ketchikan Gateway Borough	Functional Class: PRINCIPAL ARTERIAL - OTHER
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: N/A	

**2020-2023 Alaska Statewide Transportation Improvement Program
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Need ID: 30831

Title: Ketchikan - Revilla Refurbish Existing Ferry Berth

Region: Southcoast

Place Name: Ketchikan

Highway: N/A

Project Description:

Refurbish the existing airport ferry terminal in Ketchikan.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Construction	EMRK	3,638,800	0	0	0	
Construction	SM	361,200	0	0	0	
Totals:		4,000,000	0	0	0	0

Program: National Highway System	Sponsor: Southcoast
Primary Work: Reconstruction	PEB Score:
2013 Election District: 36 Ketchikan/Wrangell/Metlakatla/Hydaburg	Criteria:
Borough/Census Area: Ketchikan Gateway Borough	Functional Class: PRINCIPAL ARTERIAL - OTHER
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: N/A	

**2020-2023 Alaska Statewide Transportation Improvement Program
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Need ID: 30832

Title: Ketchikan - Revilla New Passenger Waiting Facility

Region: Southcoast

Place Name: Ketchikan

Highway: N/A

Project Description:

Construct new airport ferry passenger waiting building in Ketchikan

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Construction	EMRK	1,939,106	0	0	0	
Construction	SM	192,482	0	0	0	
Totals:		2,131,588	0	0	0	0

Program: National Highway System	Sponsor: Southcoast
Primary Work: New Construction	PEB Score: _____
2013 Election District: 36 Ketchikan/Wrangell/Metlakatla/Hydaburg	Criteria: _____
Borough/Census Area: Ketchikan Gateway Borough	Functional Class: PRINCIPAL ARTERIAL - OTHER
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: N/A	

**2020-2023 Alaska Statewide Transportation Improvement Program
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Need ID: 30834

Title: Ketchikan - Gravina Refurbish Existing Ferry Berth Facility

Region: Southcoast

Place Name: Ketchikan

Highway: N/A

Project Description:

Reconstruct existing airport ferry terminal on Gravina Island.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Construction	EMRK	8,120,486	0	0	0	
Construction	SM	806,068	0	0	0	
Totals:		8,926,554	0	0	0	0

Program: National Highway System	Sponsor: Southcoast
Primary Work: Reconstruction	PEB Score:
2013 Election District: 36 Ketchikan/Wrangell/Metlakatla/Hydaburg	Criteria:
Borough/Census Area: Ketchikan Gateway Borough	Functional Class: PRINCIPAL ARTERIAL - OTHER
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: N/A	

**2020-2023 Alaska Statewide Transportation Improvement Program
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Need ID: 31718

Title: Ketchikan - S. Tongass Hwy - Replace Hoadley Creek Bridge

Region: Southcoast

Place Name: Ketchikan

Highway: South Tongass Highway

Project Description:

Rehabilitate or replace Hoadley Creek Bridge (Bridge #725).

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Design	NHPP	0	136,455	0	0	
Design	SM	0	13,545	0	0	
Right of Way	NHPP	0	90,970	0	0	
Right of Way	SM	0	9,030	0	0	
Construction	NHPP	0	0	2,729,100	0	
Construction	SM	0	0	270,900	0	
Utilities	NHPP	0	9,097	0	0	
Utilities	SM	0	903	0	0	
Totals:		0	260,000	3,000,000	0	0

Program: National Highway System	Sponsor: _____
Primary Work: Bridge Replacement	PEB Score: _____
2013 Election District: 36 Ketchikan/Wrangell/Metlakatla/Hydaburg	Criteria: _____
Borough/Census Area: Ketchikan Gateway Borough	Functional Class: MINOR ARTERIAL
Municipal Planning Org. (MPO): not identified	
Performance Measures: Bridge	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 31719

Title: Ketchikan - S. Tongass Hwy - Water Street Viaduct Improvements

Region: Southcoast

Place Name: Ketchikan

Highway: South Tongass Highway

Project Description:

Rehabilitate pavement and make improvements to the Tongass Avenue and Water Street Viaduct structures (Bridge #997 and #797) and the South Tongass Highway Tunnel (Bridge #1130).

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Design	ACC	-403,907	0	0	0	
Design	NHPP	403,907	227,425	0	0	
Design	SM	0	22,575	0	0	
Right of Way	AC	0	363,880	0	0	
Right of Way	ACC	0	0	-363,880	0	
Right of Way	NHPP	0	0	363,880	0	
Right of Way	SM	0	36,120	0	0	
Construction	NHPP	0	0	10,461,550	0	
Construction	SM	0	0	1,038,450	0	
Utilities	NHPP	0	18,194	0	0	
Utilities	SM	0	1,806	0	0	
Totals:		0	670,000	11,500,000	0	0

Program: National Highway System	Sponsor: _____
Primary Work: Bridge Rehabilitation	PEB Score: _____
2013 Election District: 36 Ketchikan/Wrangell/Metlakatla/Hydaburg	Criteria: _____
Borough/Census Area: Ketchikan Gateway Borough	Functional Class: LOCAL
Municipal Planning Org. (MPO): not identified	
Performance Measures: Bridge	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 26120

Title: King Cove Cold Bay Road

Region: Southcoast

Place Name: King Cove

Highway:

Project Description:

Construct a road connecting King Cove with Cold Bay and its all-weather airport. The project will construct 13.5 miles of new road and 5.6 miles of road reconstruction and realignment; single lane gravel road with turnouts.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Right of Way	OSF	25,000	0	0	0	
Construction	OSF	0	30,000,000	0	0	
	Totals:	25,000	30,000,000	0	0	0

Program: Community Transportation Program	Sponsor: _____
Primary Work: New Construction	PEB Score: _____
2013 Election District: 37 Bristol Bay/Aleutians/Upper Kuskokwim	Criteria: Urban and Rural
Borough/Census Area: Aleutians East Borough	Functional Class: N/A
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: Safety	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 2436

Title: Kodiak - Otmeloi Way Reconstruction

Region: Southcoast

Place Name: Kodiak

Highway: N/A

Project Description:

Reconstruct approximately one mile of Otmeloi Way. Road improvements will include grading, drainage, paving, and construction of pedestrian facilities. Realignment and lighting as needed. Upon completion, ownership and maintenance responsibility for Otmeloi Way and associated facilities will be transferred to the Kodiak Island Borough.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Design	OSF	0	0	184,000	0	
Design	STP	0	0	316,000	0	
Right of Way	OSF	0	0	158,240	0	
Right of Way	STP	0	0	271,760	0	
Construction	OSF	0	0	0	2,097,600	
Construction	STP	0	0	0	3,602,400	
Utilities	OSF	0	0	0	257,600	
Utilities	STP	0	0	0	442,400	
Totals:		0	0	930,000	6,400,000	0

Program: Community Transportation Program	Sponsor: DOT&PF
Primary Work: Reconstruction	PEB Score: 123.8
2013 Election District: 32 Kodiak/Cordova/Seldovia	Criteria: Urban and Rural
Borough/Census Area: Kodiak Island Borough	Functional Class: MINOR COLLECTOR
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: Pavement, Safety	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 29875

Title: Kodiak - Harbor Channel Bridge Improvement

Region: Southcoast

Place Name: Kodiak

Highway: N/A

Project Description:

Rehabilitate the Harbor Channel Bridge on Near Island Bridge Road. Rehabilitate per items recommended on 2014 Bridge Assessment including deck rehabilitation and repainting the steel superstructure.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Construction	AC	12,735,800	0	0	0	
Construction	ACC	0	-6,367,900	-6,367,900	0	
Construction	SM	1,264,200	0	0	0	
Construction	STP	0	6,367,900	6,367,900	0	
Utilities	SM	9,030	0	0	0	
Utilities	STP	90,970	0	0	0	
Totals:		14,100,000	0	0	0	0

Program: Alaska Highway System	Sponsor: _____
Primary Work: Bridge Rehabilitation	PEB Score: _____
2013 Election District: 32 Kodiak/Cordova/Seldovia	Criteria: _____
Borough/Census Area: Kodiak Island Borough	Functional Class: MAJOR COLLECTOR
Municipal Planning Org. (MPO): not identified	

**2020-2023 Alaska Statewide Transportation Improvement Program
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Need ID: 32639

Title: Kodiak - Chiniak Hwy Rehabilitate Stage 1

Region: Southcoast

Place Name: Kodiak

Highway: N/A

Project Description:

This is the initial construction phase of the parent project, Need ID 29877. Rehabilitate and address lighting, guardrails, drainage, culverts and other highway appurtenances as needed.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Construction	AC	0	0	14,555,200	0	
Construction	SM	0	0	1,444,800	0	
Totals:		0	0	16,000,000	0	14,555,200

Program: Alaska Highway System	Sponsor: _____
Primary Work: System Preservation	PEB Score: _____
2013 Election District: 32 Kodiak/Cordova/Seldovia	Criteria: _____
Borough/Census Area: Kodiak Island Borough	Functional Class: MAJOR COLLECTOR
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: Pavement	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 29877

Title: Kodiak - Chiniak Hwy Rehabilitate: Mile Point 5 to 21
(Milepost 15 to 31)

Region: Southcoast

Place Name: Kodiak Island

Highway: N/A

Project Description:

Rehabilitate approximately 16 miles of the Chiniak Highway from Milepost 15 to the end of pavement to improve and preserve the roadway subgrade and surface. Address lighting, guardrails, drainage, culverts and other highway appurtenances as needed. This project is the Parent NID for design of the full corridor. The first segment will be constructed under Need ID 32639 and the final construction segment will use this NID.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Design	AC	0	0	4,366,560	0	
Design	SM	0	18,060	433,440	0	
Design	STP	0	181,940	0	0	
Right of Way	SM	0	18,060	0	0	
Right of Way	STP	0	181,940	0	0	
Totals:		0	400,000	4,800,000	0	36,750,930

Program: Alaska Highway System	Sponsor: _____
Primary Work: System Preservation	PEB Score: _____
2013 Election District: 32 Kodiak/Cordova/Seldovia	Criteria: _____
Borough/Census Area: Kodiak Island Borough	Functional Class: MAJOR COLLECTOR
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: Safety	

**2020-2023 Alaska Statewide Transportation Improvement Program
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Need ID: 29876

Title: Kodiak - Rezanof Drive Resurface: Airport to Chiniak Hwy

Region: Southcoast

Place Name: Kodiak Station

Highway: N/A

Project Description:

Resurface Rezanof Drive from the Airport to Chiniak Highway and repair a section of Rezanof Drive from Carolyn St. to Marine Way. Address lighting, guardrails, drainage, culverts and other highway appurtenances as needed.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Construction	ACC	-5,585,055	-5,000,000	0	0	
Construction	STP	5,585,055	5,000,000	0	0	
Totals:		0	0	0	0	0

Program: Alaska Highway System	Sponsor: _____
Primary Work: System Preservation	PEB Score: _____
2013 Election District: 32 Kodiak/Cordova/Seldovia	Criteria: _____
Borough/Census Area: Kodiak Island Borough	Functional Class: MAJOR COLLECTOR
Municipal Planning Org. (MPO): non-MPO	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 30729

Title: Inter-Island Ferry Authority (IFA) Vessel Refurbishments

Region: Southcoast

Place Name: Prince of Wales Island

Highway: Marine Highway

Project Description:

Refurbish IFA ferries to ensure regulatory compliance and up-to-date ships systems such as hull, deck, machinery, electrical, security, navigation, and passenger accommodations.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Multi-Phase Activity	3PF	0	203,886	42,140	2,377,041	
Multi-Phase Activity	FBF	0	540,000	180,000	156,000	
Multi-Phase Activity	STP	0	1,475,114	35,860	274,953	
Totals:		0	2,219,000	258,000	2,807,994	1,522,000

Program: Alaska Highway System	Sponsor: _____
Primary Work: Ferry Boats	PEB Score: _____
2013 Election District: 91 Southcoast Region	Criteria: _____
Borough/Census Area: Prince of Wales-Hyder Census Area	Functional Class: MAJOR COLLECTOR
Municipal Planning Org. (MPO): not identified	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 29989

Title: Sand Point City Dock Replacement

Region: Southcoast

Place Name: Sand Point

Highway: Marine Highway

Project Description:

Construct a new multi-use dock. The new dock will replace an old city dock that currently accommodates fishing vessels, barges, and state ferries, but is nearing the end of its service life.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Construction	ACC	-5,000,000	0	0	0	
Construction	STP	5,000,000	0	0	0	
Totals:		0	0	0	0	0

Program: Alaska Highway System	Sponsor: Southcoast Region
Primary Work: New Construction	PEB Score:
2013 Election District: 37 Bristol Bay/Aleutians/Upper Kuskokwim	Criteria:
Borough/Census Area: Aleutians East Borough	Functional Class: MINOR COLLECTOR
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: Pavement, Safety	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 26110

Title: Sawmill Creek Road Reconstruction & Pedestrian Improvements

Region: Southcoast

Place Name: Sitka

Highway:

Project Description:

Reconstruct the segment of Sawmill Creek Road between the roundabout and intersection of Jeff Davis Street. This project will include ADA compliant sidewalks on each side of the road, reconfiguration of lanes for improved bicycle access, improvements to the intersection of SMC Road and DeGroff St., and associated drainage improvements.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Right of Way	SM	0	63,210	0	0	
Right of Way	STP	0	636,790	0	0	
Construction	SM	0	469,560	0	0	
Construction	STP	0	4,730,440	0	0	
Utilities	SM	0	903	0	0	
Utilities	STP	0	9,097	0	0	
Totals:		0	5,910,000	0	0	0

Program: Alaska Highway System	Sponsor:
Primary Work: Reconstruction	PEB Score: 368
2013 Election District: 35 Sitka/Petersburg	Criteria: Urban and Rural
Borough/Census Area: Sitka, City and Borough of	Functional Class: MINOR ARTERIAL
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: Safety	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 30209
Title: Sitka Sea Walk
Region: Southcoast
Place Name: Sitka
Highway: N/A

Project Description:

Improve accessibility to the Sitka National Historical Park (SNHP) and downtown Sitka. Phase I of the Sea Walk was completed in 2013 This Phase continues the Sea Walk from the Public Library to the OConnell Lightering Facility and on to Totem Square and Lincoln Street. Improves ADA accessibility.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Design	EMRK	0	354,144	0	0	
Right of Way	3PF	0	0	903	0	
Right of Way	GRANT	0	0	9,097	0	
Construction	3PF	0	0	184,862	0	
Construction	GRANT	0	0	1,862,340	0	
Utilities	3PF	0	0	903	0	
Utilities	GRANT	0	0	9,097	0	
Totals:		0	354,144	2,067,202	0	0

Program: Forest Highways	Sponsor: _____
Primary Work: Planning	PEB Score: _____
2013 Election District: 35 Sitka/Petersburg	Criteria: _____
Borough/Census Area: Sitka, City and Borough of	Functional Class: N/A
Municipal Planning Org. (MPO): non-MPO	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 24337

Title: Skagway - State Street Rehabilitation

Region: Southcoast

Place Name: Skagway

Highway: N/A

Project Description:

Resurface State St. in Skagway and rehabilitate the subgrade and storm drain system as needed. Rehabilitate sidewalks per needs identified in Southcoast Region.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Right of Way	NHPP	848,091	0	0	0	
Right of Way	SM	84,184	0	0	0	
Construction	AC	0	16,661,479	0	0	
Construction	ACC	0	0	-16,661,479	0	
Construction	NHPP	0	0	16,661,479	0	
Construction	SM	0	1,653,877	0	0	
Utilities	NHPP	0	27,291	0	0	
Utilities	SM	0	2,709	0	0	
Totals:		932,275	18,345,356	0	0	0

Program: National Highway System	Sponsor: City of Skagway
Primary Work: System Preservation	PEB Score:
2013 Election District: 33 Downtown Juneau/Douglas/Haines/Skagway	Criteria: Urban and Rural
Borough/Census Area: Skagway, Municipality and Borough	Functional Class: PRINCIPAL ARTERIAL - OTHER
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: Pavement, Safety	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 31310

Title: Skagway - Klondike Highway Rehabilitation: Skagway River Bridge to Canadian Border

Region: Southcoast

Place Name: Skagway

Highway: Klondike Highway

Project Description:

This project will provide for the rehabilitation of the Klondike Highway (Skagway River Bridge to approximately U.S. Customs Station). Focus will be on rehabilitating the pavement, critical safety improvements, drainage, and related improvements as necessary.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Design	NHPP	0	5,458,200	0	0	
Design	SM	0	541,800	0	0	
Right of Way	NHPP	0	0	9,097	0	
Right of Way	SM	0	0	903	0	
Utilities	NHPP	0	0	9,097	0	
Utilities	SM	0	0	903	0	
Totals:		0	6,000,000	20,000	0	83,300,000

Program: National Highway System	Sponsor: _____
Primary Work: System Preservation	PEB Score: _____
2013 Election District: 33 Downtown Juneau/Douglas/Haines/Skagway	Criteria: _____
Borough/Census Area: Skagway, Municipality and Borough	Functional Class: PRINCIPAL ARTERIAL - OTHER
Municipal Planning Org. (MPO): not identified	
Performance Measures: Pavement	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 7174

Title: Highway Safety Improvement Program/Safety Management

Region: Southcoast

Place Name: Southcoast Region

Highway:

Project Description:

HSIP Management, studies and responses on safety-related issues.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Other / Miscellaneous	SA	204,683	204,683	20,317	204,683	
Other / Miscellaneous	SM	20,317	20,317	204,683	20,317	
Totals:		225,000	225,000	225,000	225,000	450,000

Program: Required programs and Preventive Maintenance	Sponsor: DOT&PF
Primary Work: Planning	PEB Score:
2013 Election District: 91 Southcoast Region	Criteria:
Borough/Census Area: Various Boroughs	Functional Class: N/A
Municipal Planning Org. (MPO): non-MPO	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 18922

Title: Pavement and Bridge Preservation

Region: Southcoast

Place Name: Southcoast Region

Highway:

Project Description:

Crack sealing, surface treatment drainage, signage, guardrail, illumination and other refurbishments to prolong the life of road pavement and bridges and their safety related structures. Project includes NHS Lane Delineators, Destination & Distance Signing, Pavement Markings and Signalization, Abandoned Vehicle Program, Road Surfacing and Transfer and Road Surface Treatments.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Multi-Phase Activity	NHPP	4,093,650	4,093,650	4,093,650	4,093,650	
Multi-Phase Activity	SM	1,309,350	1,309,350	1,309,350	1,309,350	
Multi-Phase Activity	STP	9,097,000	9,097,000	9,097,000	9,097,000	
Totals:		14,500,000	14,500,000	14,500,000	14,500,000	29,000,000

Program: Required programs and Preventive Maintenance	Sponsor: DOT&PF
Primary Work: System Preservation	PEB Score:
2013 Election District: 91 Southcoast Region	Criteria:
Borough/Census Area: Various Boroughs	Functional Class: N/A
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: Bridge, Pavement	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 28549

Title: Southcoast Areawide ADA Improvements

Region: Southcoast

Place Name: Southcoast Region

Highway: N/A

Project Description:

This project will provide ADA improvements along routes in Southcoast. Initial phase includes auditing routes to determine ADA compliance and identify those issues that can be quickly resolved. Prioritization and construction of needed ADA improvements will be identified per the audit.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Multi-Phase Activity	SM	180,600	727,760	180,600	180,600	
Multi-Phase Activity	STP	1,819,400	72,240	1,819,400	1,819,400	
	Totals:	2,000,000	800,000	2,000,000	2,000,000	4,000,000

Program: Required programs and Preventive Maintenance	Sponsor: _____
Primary Work: Reconstruction	PEB Score: _____
2013 Election District: 91 Southcoast Region	Criteria: _____
Borough/Census Area: Various Boroughs	Functional Class: N/A
Municipal Planning Org. (MPO): non-MPO	
Performance Measures: Safety	

**2020-2023 Alaska Statewide Transportation Improvement Program
2020-2023 Amendment 2; Approved July 8, 2021**

Need ID: 28271

Title: Prince of Wales - Neck Lake Rd Reconstruction: NPOWI

Hwy to Whale Pass

Region: Southcoast

Place Name: Whale Pass

Highway: N/A

Project Description:

Reconstruct approximately 7.9 miles of Neck Lake Road (South Whale Pass Rd) to provide a narrow two lane paved road. Project begins at junction with NPOWI Highway and ends at Whale Pass seaplane terminal and boat launch ramp. Project may be split into two segments: NPOWI Highway to Marine Access Facility Junction and Marine Access Facility Junction to Whale Pass. Major work items include clearing, grading, drainage, subexcavation, base, paving, bridge and culvert replacement, high reflectivity signage, installation of safety guardrail systems, revegetation, and slope stabilization.

Phase	Fund	FFY20	FFY21	FFY22	FFY23	After2023
Totals:		0	0	0	0	23,000,000

Program: Alaska Highway System	Sponsor: _____
Primary Work: Reconstruction	PEB Score: _____
2013 Election District: 35 Sitka/Petersburg	Criteria: _____
Borough/Census Area: Prince of Wales-Hyder Census Area	Functional Class: MINOR COLLECTOR
Municipal Planning Org. (MPO): non-MPO	

Alaska Statewide Transportation Improvement Program

2020-2023 STIP Surface Transportation Funding Sources

Funding available to the state comes from several funding agencies, most notably the Federal Highway Administration and Federal Transit Administration. The state receives several categories of funding from each of these agencies. Each category (often referred to as fund codes) have distinctive rules for project eligibility, match ratios, and other programming factors. The following descriptions address the most significant of these categories, called apportionments.

In the project tables we've identified tentative apportionment designations for each proposed project. These apportionment assignments are estimates and are subject to change. The following paragraphs describe the apportionment categories, eligible project types, apportionment code and the ratio of federal funds. The proportion not paid by federal funds is the state, local or third party match.

Fund Code Descriptions

3PF (Third Party Funds) – Funding contributed by parties other than the State usually to provide required matching funds.

AC (Advance Construction) – An innovative financing tool permitted under FHWA rules that, with approval of the FHWA, allows the state to begin a project using state funds prior to the availability of federal funds. This tool allows the state flexibility to use its resources to more efficiently schedule project start-ups.

ACC (Advance Construction Conversion) – Accounting tool to track the repayment of state funds used to begin a project prior to the availability of federal funds.

BOND (Bonds) – Funding generated by the sale of bonds by the state.

BUILD (Better Utilizing Investments to Leverage Development) – BUILD transportation grants are major investments in road, rail, transit, and port projects that serve as a down payment on this administration's commitment to America's infrastructure

CMAQ-F (Congestion Mitigation/Air Quality Flexible) – These funds are for projects that can be proven to reduce traffic congestion and/or improve air quality in federally designated non-attainment areas. Projects such as park and ride lots, transit bus replacement, vehicle inspection and maintenance program improvements, signal coordination, ride sharing, and paving for dust control qualify for these funds. The federal funds ratio varies and is either 90.97% or 100% depending upon the specific category of work.

CMAQ-M (Congestion Mitigation/Air Quality-Mandatory) – This fund code is very similar to the CMAQ fund code listed above, but has slightly more restrictive eligibility requirements.

CST (Cruise Ship Tax) – Proceeds from the state tax on cruise ship passengers available to use on projects that support cruise operations.

DBE (Disadvantaged Business Enterprise) – A program to ensure equal opportunity in transportation contracting markets, addresses the effects of discrimination in transportation contracting, and promotes increased participation in federally funded contracts by small, socially and economically disadvantaged businesses, including minority and women owned enterprises. The statute provides that at least 10% of the amounts made available for any Federalaid highways, mass transit, and transportation research and technology program be expended with certified DBEs.

ER (Emergency Relief) – Funds available for the repair of Federal-aid highways or roads on Federal lands that have been seriously damaged by natural disasters over a wide area or by catastrophic failures from an external cause.

FBF (Ferry Boat Formula Funds) – Under MAP-21, Ferry Boat Formula Program funds are distributed to eligible entities based on the number of passengers carried (20%), vehicles carried (45%), and total route miles (35%). Eligible entities are determined in accordance with 23 U.S.C. 129(c). Funds are available until expended. Projects must be for the construction or improvements to ferryboats or ferry terminal facilities. The federal funds ratio is 80%.

FLAP (Federal Lands Access Program) – Provides funds for projects on federal lands access transportation facilities. These facilities are defined as: a public highway, road, bridge, trail, or transit system that is located on, is adjacent to, or provides access to Federal lands for which title or maintenance responsibility is vested in a state, county, town, township, tribal, municipal, or local government.

GRANT (Competitive Grant) – Federal grants that are awarded through a competitive process.

ILLU (Illustrative) – Indicates projects that would be funded and advanced if funding becomes available either through receipt of additional funds or because another project cannot be advanced; the specific source or sources of funds will be determined when and if the project is selected to be funded.

NHFP (National Highway Freight Program) – In FAST ACT section 1116 Congress designated the NHFP to improve efficient movement of freight on the National Highway Freight Network (NHFN). Each state is required to develop a freight plan to provide for immediate and long-range planning activities and investments of the State with respect to freight. Funds are available for obligation up to four years (year authorized plus three). The federal share is generally 80%, subject to sliding scale, with Interstate System projects at 90%, and certain types of improvements, such as safety, at 100%.

NHPP (National Highway Performance Program) – In MAP-21 section 1106, Congress designated the NHPP to provide support for the condition and performance of the National Highway System (NHS), for the construction of new facilities on the NHS, and to ensure that investments of Federal-aid funds in highway construction are directed to support progress toward the achievement of performance targets established in a State's asset management plan for the NHS. This funding code incorporates previous NHS, IM and some BR fund codes. The federal funds ratio is 90.97%.

OJT (On the Job Training) – The primary objective of the OJT Program is to train and upgrade minorities and women into higher paying skilled trades and transportation technology related careers to meet the projected labor needs. Under Section 22 of the Federal-aid Highway Act of 1968 (Public Law 90-495), State highway agencies are required to certify that there are available apprenticeship, skill improvement or other upgrading programs registered with the Department of Labor or the appropriate State agency.

OSF (Other State Funds) – Funding from non-federal state funds that have been appropriated.

PLNG (State Planning) – These funds are designated for the mandatory planning tasks the department undertakes, including preparation of the Statewide Transportation Plan and State Transportation Improvement Program (STIP), statistical measurements of the transportation system (traffic volumes, pavement condition, accident locations, causes and severity, and physical characteristics of roads and highways), mapping, and management systems. The federal funds ratio is 80%.

RES (Research) – These funds are designated for research tasks the department undertakes, including engineering and economic studies and applied research. The federal funds ratio is 80%.

RHE (Rail Hazard Elimination Program) – This purpose of this program is to reduce the number of fatalities and injuries at public highway-rail grade crossings through the elimination of hazards and/or the installation/upgrade of protective devices at crossings. This program funds the federal requirement that each state conducts and systematically maintain a survey of all highways to identify railroad crossings that may require separation, relocation, or protective devices, and establish and implement a schedule of projects for this purpose. The federal funds ratio is 90%.

RTP (Recreational Trails Program) – This funding category is intended to develop and maintain recreational trails and trail related facilities for both non-motorized and motorized recreational trail uses. This program is administered by the Department of Natural Resources. The federal funds ratio is 90.97%.

S148 (Safety Sanction) – This special category of MAP-21 safety funds addresses highway safety improvement projects similar to Safety (SA) below. New SA funding terminated following 2012 apportionment with the passage of MAP-21. The funds are made available by a sanction, or reduction, to Alaska's NHPP and STP apportionments. Each year, 2.5% of these program funds are reallocated because Alaska does not have conforming laws addressing repeat DUI and open alcoholic containers on motorcycles. The federal share is 100%.

SA (Safety) – Safety projects include hazard elimination, railroad crossing, and railroad protective devices. In order to qualify, the project must be identified through the Highway Safety Improvement Program, which seeks to identify hazardous locations throughout the state based on accident histories. The federal funds ratio varies and is either 90% or 100% depending upon the specific category of work.

SFF (Special Federal Funds) – Federal funding received outside of the regular federal transportation funding and authorization bill. For example, in 2019 Congress appropriated funds to the U. S. Department of Transportation through the Consolidated Appropriations Act of 2019. These funds were not part of the Fixing America’s Surface Transportation Act, passed in 2015.

SM (State Match) – The State’s share of project costs required to match federal program funds. Depending on the particular federal program requirements, the state’s share of the costs, the state match required, will vary from as little as zero percent to as much as 50%. Most often the state’s share will range from 9.03% to 20%.

STP (Surface Transportation Program) – Flexible funding that may be used by the state and localities for projects on any Federal-aid highway, including the NHS, bridge projects on any public road, transit capital projects, bus terminals and facilities. Unlike other states, Alaska is allowed to use these funds on any public road in Alaska, regardless of classification. The federal funds ratio varies, typically 93.4% for interstate routes or 90.97% otherwise.

TAP (Transportation Alternatives Program) – The Moving Ahead for Progress in the 21st Century Act (MAP-21) replaced Transportation Enhancements (TE), Recreational Trails, and Safe Routes to School programs with Transportation Alternatives (TA), a new program funded through a set-aside from Surface Transportation Program (STP). A further set-aside is taken from Transportation Alternatives to fund the Recreational Trails Program (RTP).

Transportation Alternatives provides funding for programs and projects including on-and off-road pedestrian and bicycle facilities, infrastructure projects for improving non-driver access to public transportation, community improvement activities, and environmental mitigation; safe routes to school projects; and projects for the planning, design or construction of boulevards and other roadways largely in the right-of-way of former Interstate System routes or other divided highways.

URPL (Metropolitan Planning) – In Alaska, these funds can be used in any urban area within the state. Planning processes and special planning studies are eligible activities within this program. The federal funds ratio is 90.97%.

TRANSIT AND RAIL Fund Codes

5307 (Urban Formula) – The Urbanized Area Formula Funding program (49 U.S.C. 5307) makes Federal resources available to urbanized areas and to Governors for transit capital and operating assistance and for transportation related planning in urbanized areas. An urbanized area is a Census-designated area with a population of 50,000 or more as determined by the U.S. Department of Commerce, Bureau of the Census. **5307RR (Alaska Railroad Passenger Operations)** – A portion of Section 5307 funds, Capital and Operating Funds for Urbanized Areas specifically set aside for the Alaska Railroad for costs related to passenger operations.

5309 (Capital Program) – This program provides capital assistance for three primary activities:
5309BU – New and replacement buses and facilities
5309FG – Modernization of existing rail and ferry systems
5309NS – (New Starts) New fixed-guideway systems (including ferry systems)

Congress usually fully earmarks all available funding. In SAFETEA-LU Congress set aside a portion of the New Start funds for capital improvements on Alaska and Hawaii ferry systems (the two states split the set-aside). Congress also set aside a portion of the Capital Program New Starts funds for the Denali Commission for docks, waterfront development projects, and related transportation infrastructure. On occasion, a recipient agency will apply for section 5309 funds on behalf of transit agencies throughout the state and ask DOT&PF to administer these funds. When this happens, the funds are distributed through the annual Alaska Community Transportation Grant application process. The federal funds ratio is 80%.

5324 (FTA Emergency Relief Program) – Emergency repairs are generally eligible for reimbursement under pre-award authority. Emergency repairs do not require inclusion in the Metropolitan Transportation Improvement Program (TIP) or the Statewide Transportation Improvement Program (STIP), unless they include substantial functional, locational, or capacity changes.

5310 (Elderly and Persons with Disabilities Program) – This program funds transportation services to meet the special needs of the elderly and persons with disabilities. Funds are apportioned to the states based on the number of elderly and persons with disabilities in each state. Grants are available to nonprofit organizations (and sometimes governmental entities approved by the state) for the purchase of vehicles, related equipment, and the purchase of rides. SAFETEA-LU listed Alaska as one of a select group of states to participate in a pilot program that would allow a portion of these funds to be used to cover operating costs (at a 43.14% match) of projects that meet the special needs of elderly individuals and individuals with disabilities. The federal funds ratio for the remainder of these funds is 90.97%.

5311 (Non-urbanized Area Formula Program) – This program provides funding to enhance public transportation in rural and small urban areas. It also assists in the maintenance, development, improvement, and use of public transportation systems. A component of this program is the Rural Transit Assistance Program (RTAP), which provides training and technical assistance to transit operators. The federal funds ratio is 90.97% for capital projects and project administration, and up to 56.86% for operating assistance. RTAP projects are 100% federally funded.

5337GR (Section 5337 State of Good Repair) – A new formula-based State of Good Repair program is FTA's first stand-alone initiative written into law that is dedicated to repairing and upgrading the nation's rail transit systems along with high-intensity motor bus systems that use high-occupancy vehicle lanes, including bus rapid transit (BRT). These funds reflect a commitment to ensuring that public transit operates safely, efficiently, reliably, and sustainably so that communities can offer balanced transportation choices that help to improve mobility, reduce congestion, and encourage economic development.

5339 (Bus and Bus Facilities) – Funding for capital expenses for eligible rural public transit systems.

PTC (Positive Train Control) – Competitive discretionary grant funding for projects providing significant impacts to the nation, a region, or metropolitan area for eligible railroad safety technology projects.

Alaska Statewide Transportation Improvement Program

Procedures for Revisions

Introduction

The purpose of the State Transportation Improvement Program (STIP) Manual is to set forth definitions and procedures to be used for processing revisions to the Statewide Transportation Improvement Program (STIP) and the process to incorporate Metropolitan Planning Organizations (MPOs) Transportation Improvement Programs (TIPs).

Agencies involved in this process include DOT&PF, the MPOs, the Federal Highway Administration (FHWA), and the Federal Transit Administration (FTA). Alaska has two MPOs: the Anchorage Metropolitan Area Transportation Solutions (AMATS) and Fairbanks Area Surface Transportation Planning (FAST).

Transportation Improvement Programs (TIPs) developed by Metropolitan Planning Organizations (MPOs) are incorporated into the STIP. If the MPOs have definitions outlined within their operating agreements or procedures for TIP administrative modifications and amendments that are in accordance with the provisions of 23 CFR 450, then those definitions may be used. If amendment and administrative modifications definitions are not included, or not in accordance with 23 CFR 450, then the definitions below shall apply to MPO TIPs.

Concerning the TIP, the procedures section of this document covers the procedures only for incorporation of the TIP into the STIP. The MPOs have independent procedures established for the development of the TIP and TIP revisions, including public and committee reviews.

The following criteria have been developed for processing administrative modifications and amendments to the STIP/TIP in accordance with the provisions of 23 CFR 450.

Definitions

Administrative Modification: Per 23 CFR 450.104, **Administrative modification** means a minor revision to a long-range statewide or metropolitan transportation plan, Transportation Improvement Program (TIP), or Statewide Transportation Improvement Program (STIP) that includes minor changes to project/project phase costs, minor changes to funding sources of previously included projects, and minor changes to project/project phase initiation dates. An administrative modification is a revision that does not require public review and comment, a redemonstration of fiscal constraint, or a conformity determination (in nonattainment and maintenance areas).

Administrative modifications are minor revisions to the STIP/TIP. This type of change does not require public review, demonstration of fiscal constraint, or FHWA/FTA approval. Changes may include:

- Increases to funding amounts of a project or phase of a project where the increase is greater than 10% of the total project cost and within the financial thresholds identified below:
 - The total project cost* as indicated in the approved STIP/TIP is less than \$3 million; an administrative modification shall be used for an increase in cost between 10% and 50% of the total project cost or \$1 million, whichever is less.
 - The total project cost as indicated in the approved STIP/TIP is greater than \$3 million but less than \$10 million; an administrative modification shall be used for an increase in cost between 10% and 30% of the total project cost.
 - The total project cost as indicated in the approved STIP/TIP is greater than \$10 million; an administrative modification shall be used for an increase in cost between 10% and 20% of the total project cost.

*Total programmed amount in the approved STIP to complete all phases of a project. It includes all sources of funds associated with the project (federal, state, local, match, etc.).

Table 1

Total project cost* of all phases within approved STIP	Administrative Modification	Amendment
Total project cost < \$3,000,000	10% < cost increase ≤ 50% or < \$1,000,000 <i>whichever is less</i>	Cost increase > 50% or > \$1,000,000 <i>whichever is less</i>
\$3,000,000 ≤ total project cost < \$10,000,000	10% < cost increase ≤ 30%	Cost increase > 30%
Total project cost ≥ \$10,000,000	10% < cost increase ≤ 20%	Cost increase > 20%

**Total programmed amount in the approved STIP to complete all phases of a project. It includes all sources of funds associated with the project (federal, state, local, match, etc.).*

- Revisions to a project scope that do not:
 - Result in an air quality conformity reevaluation,
 - Result in a revised total project cost estimate that exceeds the financial thresholds established in this section, or
 - Result in a change in scope on any federally funded project that is significant enough to constitute a new project.

- Shifts project funding between projects, subject to the financial thresholds established in Table 1 of this MOU.
- Splitting up a single project or combining multiple projects.
- Adds a right-of-way phase to a project for incidental right-of-way work that does not exceed the financial thresholds established in this section.
- Adds a utility phase to a project for incidental utility work that does not exceed the financial thresholds established in this section.

Amendment: Per 23 CFR 450.104, **Amendment** means a revision to a long-range statewide or metropolitan transportation plan, TIP, or STIP that involves a major change to a project included in a metropolitan transportation plan, TIP, or STIP, including the addition or deletion of a project or a major change in project cost, project/project phase initiation dates, or a major change in design concept or design scope (e.g., changing project termini or the number of through traffic lanes or changing the number of stations in the case of fixed guideway transit projects). Changes to projects that are included only for illustrative purposes do not require an amendment. An amendment is a revision that requires public review and comment and a redemonstration of fiscal constraint. If an amendment involves non-exempt projects in nonattainment and maintenance areas, a conformity determination is required.

Amendments are major changes to the STIP that require federal approval, public review, demonstration of fiscal constraint, or an air quality conformity. An amendment is a modification to the STIP that:

- Affects air quality conformity regardless of the cost of the project or the funding source.
- Requires an Air Quality Conformity Evaluation.
- Changes a project cost to a level greater than the financial thresholds established in section 2.1 and Table 1 of this MOU.
- Adds or deletes a project phase other than a right-of-way or utility phase as established in section 2.1 of this MOU.
- Adds federal funds to a project currently without any federal funds.
- Changes in scope of a project that alters the original project intent.
- Adds or deletes a project. Exceptions are made for emergency repair projects established below in section 2.3 of this MOU.
- Incorporating a TIP or TIP amendment into the STIP is considered a STIP amendment and will follow the procedures listed below.

Updates that Do Not Require a STIP Change: The DOT&PF, FHWA, and FTA recognize that some revisions to the STIP require neither an amendment nor an administrative modification. These revisions do not require a formal STIP change and may be subsequently reflected in later updates to the STIP. This list identifies several revisions that do not require a formal STIP change, but it may not be an exhaustive list.

- Increases to funding amounts of a project or phase of a project where the increase is less than 10% of the total project cost.
- Any technical correction and other minor changes such as change in title, project description, implementing agency, or project sponsor.
- Moving existing programmed amounts between phases or years.
- Any changes to projects that are not required to be in the STIP/TIP such as emergency, safety, planning projects, or non-regionally significant projects that do not include federal funding.
- Advances a project schedule in the approved STIP/TIP in lieu of another project.
- Changes the federal funding category (apportionment) programmed for a phase or a project, as this is a funds management action.
- Adds a project for emergency repairs to roadways or bridges, except those involving substantial, functional, location, or capacity changes.
- Funding adjustments to award contracts.

Procedures

Approval of STIP Administrative Modifications

- Administrative modifications will be incorporated into the STIP and no federal action will be required. Approval will be through a memorandum signed by the DOT&PF Statewide Program Development and Planning Director.
- Administrative modification memorandums will be posted to the website and forwarded to FHWA and FTA for their records.
- DOT&PF will update the STIP to include these modifications periodically as full amendments or STIP updates are processed.

Approval of STIP Amendments

- Amendments to the STIP will be developed in accordance with provisions of 23 CFR 450.
- DOT&PF will send draft amendments to FHWA and FTA for review at time of public review.
- FHWA and FTA will provide DOT&PF with any comments during the public review period or within one week of the completion of the public review period.
- Upon approval by the Commissioner, amendment approval requests will be submitted by DOT&PF to FHWA and FTA. The amendment approval request will include a description of the changes, a fiscal constraint analysis, and a certification letter per 23 CFR 450.218.
- FHWA and FTA will strive to approve STIP amendments within two weeks of receipt of the request for approval. Amendments which cannot be approved will be returned to DOT&PF within two weeks, with a clear explanation of what actions can be taken so that the amendment can be approved.

- Upon approval, FHWA and FTA will issue a joint, written response notifying Alaska DOT&PF of their decision.
- Amendments that contain projects specific to only one agency (FHWA or FTA) may be approved on behalf of both agencies by the appropriate agency, with a copy of the approval provided to the other agency.
- Amendments that contain both transit and highway projects and amendments that trigger an Air Quality Conformity Determination require joint approval from both FHWA and FTA. In these cases, the procedures for STIP approval and Air Quality Conformity Determinations will be followed.
- Once approved by FHWA and FTA, the amendment will be incorporated into the STIP.

Incorporation of MPO TIP Administrative Modification into the STIP

- MPO TIP administrative modifications will be submitted to Alaska DOT&PF Statewide Program Development and Planning.
- MPO TIP administrative modifications will be approved through a memorandum signed by the Commissioner of DOT&PF, the statutory designee for all state transportation planning matters.
- Administrative modification memorandums will be posted to the website and forwarded to FHWA and FTA for their records. This action constitutes the incorporation by reference of the TIP revision into the STIP.

Incorporation of MPO TIPs and TIP Amendments into the STIP

- MPO TIPs and TIP amendments will be submitted to DOT&PF Statewide Program Development and Planning.
- Upon approval by the Commissioner, MPO TIPs and TIP amendments will be submitted by DOT&PF to FHWA and FTA with a request for approval to incorporate the amendment into the STIP. The request will include a description of the changes, a fiscal constraint analysis, and a certification letter per 23 CFR 450.330.
- The requirements for public review will be satisfied by the MPO TIP public review period.
- Upon approval, FHWA and FTA will issue a joint, written response notifying DOT&PF of their decision.
- TIP amendments that contain projects specific to only one agency (FHWA or FTA) may be approved on behalf of both agencies by the appropriate agency, with a copy of the approval provided to the other agency.
- TIP amendments that contain both transit and highway projects and amendments that trigger an Air Quality Conformity Determination require joint approval from both FHWA and FTA. In these cases, the procedures for Air Quality Conformity Determinations will be followed.
- TIP amendment approval letters will be posted to the website. This action constitutes the incorporation by reference of the TIP revision into the STIP.

Dispute Resolution

If a question arises on the interpretation of the definition of an administrative modification or amendment, DOT&PF, FHWA, and FTA will consult with each other to resolve the question. If after consultation, the parties disagree on the definition of what constitutes an administrative modification or amendment, the final decision rests with FHWA for federal-aid highway funded projects and FTA for community and public transit funded projects.

Other TIPs Incorporated by Reference

Planning organizations that receive federal funding for transportation projects in Alaska and that have their own federally-required TIPs must also be incorporated into the STIP by reference. These TIPs are not displayed in full in the STIP, but links to these TIPs can be found on the STIP Incorporation website.

**Division of Program Development
Process Consultation Matrix**

Process and reference	Who notified/consulted										What actions governed							
	MPO local gov officials	Non-MPO local gov officials	State and federal agencies	Interested parties*	Other governments**	Tribal governments	U.S. Secretary of Interior	Traditionally underserved (low income, minority households)	General public	Advisory	MPO LRTP**	Statewide Long Range Transportation Plan (SWLRTP)	Statewide Transportation Improvement Program (STIP)	Project development	Contracting	Hiring	Operations	Other plans
Govt-to-govt relations with federally recognized Tribes DOT&PF P&P 01.03.010						●						●	●	●	●	●	●	●
Federal Transportation Regs 23 CFR 450.210(c) areas under Tribal gov jurisdiction						●	●					●	●					
Federal Transportation Regs MPO planning process (cooperative) 23 CFR 450.306, 314 and 316	●		●	●			●	●			●	●	●	●	●	●	●	●
Non-MPO local process 23 CFR 450.210(b) and .214(g)		●										●	●					
Federal transportation regs 23 CFR 450.210(a)(viii) (Env Justice EO 12898)							●					●	●					
Federal Transportation Regs 23 CFR 450.214(i) and 322(g) Comparison of plans/maps/inventories	●	●	●			●					●	●	●	●	●	●	●	●
Federal Transportation Regs 23 CFR 450.214(j) and 322(f)(7) Potential environmental mitigation		214(i) only	●			●					●	●	●	●	●	●	●	●
Public involvement procedure 17AAC 05.135 and 17AAC 05.160	●	●	●	●		●			●			●	●					
Alaska statute for Statewide Transportation Plan AS 44.42.050	●	●	●	●		●						●	●					
Local planning authority consistency review AS 35.30.010	●	●			●								●					
Modal Advisory boards - Aviation AS44.42.200, Marine Transportation AS19.65.110-AS19.65.195									●	●								●

*Per 17 AAC 05.990 (3), **Interested party** means an individual or group that has expressed an interest in transportation issues, municipal governments and their elected officials, members of councils of Indian Tribes recognized under federal law, members of boards of associations established to implement AS 29.60.140, the Trails and Recreational Access for Alask Citizen's Advisory Board created to implement Administrative Order 161, village and regional corporations under the Alaska Native Claims Settlement Act (43 USC 1601-1628); federal and state land management agencies, federal and state environmental agencies, and public and private providers of transportation services.

**Not defined in statute

***MPO Long-Range Transportation Plan

****MPO Transportation Improvement Program

*****Aviation or Marine Highways System Plan

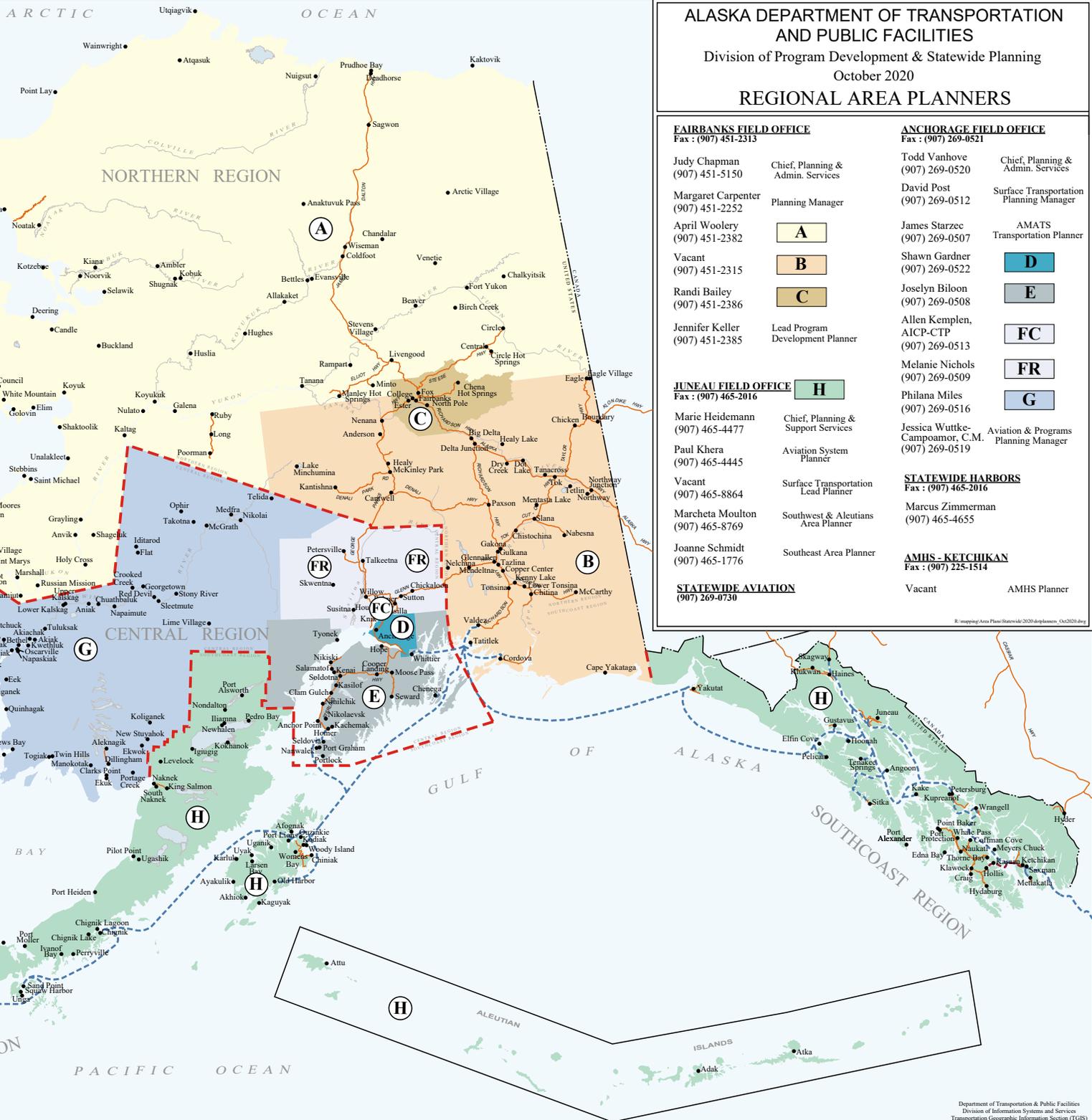
City or Town Center • Skagway

DOT & PF Region - - - - -

AMHS Ferry Route - - - - -

IFA Ferry Route - - - - -

Road - - - - -



ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
 Division of Program Development & Statewide Planning
 October 2020
REGIONAL AREA PLANNERS

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Randi Bailey (907) 451-2386	C	Joselyn Biloon (907) 269-0508	E
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Joanne Schmidt (907) 465-1776	Southeast Area Planner	Marcus Zimmerman (907) 465-4655	
STATEWIDE AVIATION (907) 269-0730		AMHS - KETCHIKAN Fax : (907) 225-1514	
		Vacant	AMHS Planner

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